

The Cattleman

Fort Worth, Texas, December 1953

VOLUME XL - - No. 7

CHRISTMAS EVE—From a painting by George Phippen





TO ALL OF **YOU**, OUR FRIENDS
at
Christmas

With the coming of another Yule Season our thoughts turn to our many friends in the livestock industry. We are thankful for what you have done for us and in turn for the accomplishments we have been able to make in your behalf.

We take this means to extend to you a genuine, old-fashioned . . .

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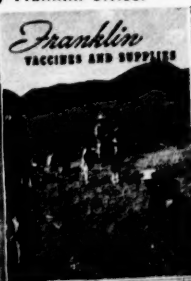
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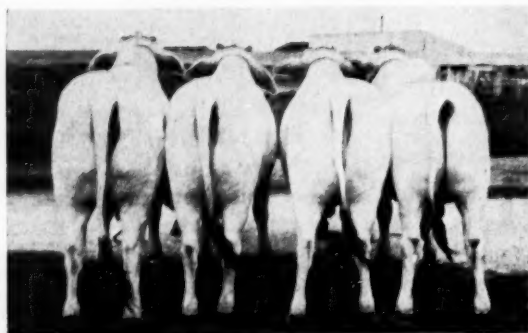
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T O P S



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QUALITY IS TOPS

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Hungerford,
TexasWelch,
Oklahoma

The Cattleman

Vol. XI

December, 1953

No. 7

Published on the first day of each month by The Texas and Southwestern Cattle Raisers Association, Inc., 410 East Weatherford St., Fort Worth 2, Texas. Telephone FANNIN-6167.

Correspondence on all phases of the cattle business is invited.

Subscription \$2.00 a year. Three years \$5.00. Five years \$8.00. Foreign one year \$4.00.

Entered as second-class mail matter at the post office, Fort Worth, Texas, July 3, 1941, under act of March 3, 1879.

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Don't think because our herd is **Big**
it is no good!

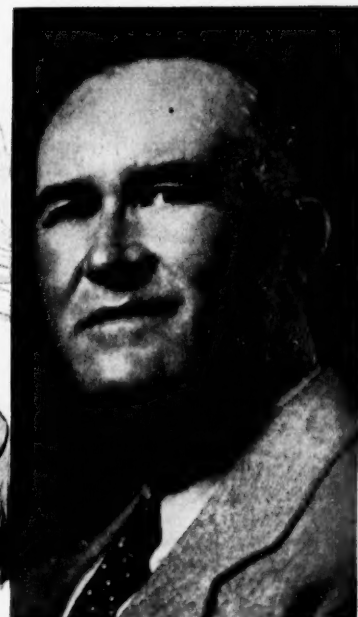


For 7 years
John Burns,

considered by *Mill Iron*, with others who know, to be the greatest judge of **BEEF CATTLE** (49 years of judging and still tops in the ring) has classified our cattle and is our closest adviser and critic.

That is why our cattle, coupled with
Banning Lewis Colorado Domino
Breed-Improver Type, has
progressed so rapidly.

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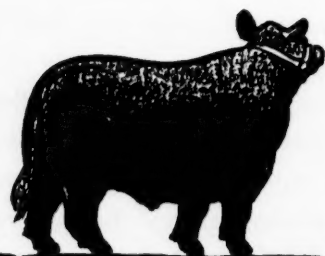
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THERE ARE SOME
GREAT CATTLE IN THE
BIG PACKAGE
WE WILL OPEN
DEC. 14th

Contents of this Package:
100 Head of Registered
Angus Cows with Calves.
Bred Cows and Heifers
Open Heifers, 1953 Calf Crop
Herd Bulls. Range Bulls for
all ... Show Cattle
Portlethen Lucy, Edwina
Erica, Blackcap Bessie, Zora
Jilt-Coquette, Witch of Endor
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Improvement.
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*Season's Greetings—
Stoneybroke will play Santa Claus
December 14 by bringing you Greatness
in the cattle you buy... Carlton Corbin*

**DEC.
14**





FROM THE HOME OF BRANGUS:

"CLEAR CREEK BOBBY"

2½ YEARS OF AGE — WEIGHT OVER 2100 LBS.

OUR WINNINGS AT GREGG COUNTY FAIR:

GRAND CHAMPION BULL
GRAND CHAMPION FEMALE
RESERVE CHAMPION BULL
"GET OF SIRE"

Nine First Places Two Second Places
Two Third Places

OUR WINNINGS AT SOUTH TEXAS FAIR:

GRAND CHAMPION BULL
GRAND CHAMPION FEMALE
RESERVE CHAMPION BULL
"GET OF SIRE"

Eight First Places Three Second Places
Two Third Places

RECORD PRICED BRANGUS BULL TO F. B. DANIEL

F. B. Daniel of Orange, Va., who paid \$5,000 for a half interest in Clear Creek Duke 28th at our 1952 sale at Grenada, has purchased the second half and now owns the bull entirely. Our thanks and best wishes to Mr. Daniel.



FRANK BUTTRAM • DORSEY BUTTRAM
RANCHES AT WELCH, OKLAHOMA AND GRENADA, MISSISSIPPI

Charter Member, American Brangus Breeders Association

Of things that concern cattle raisers

The Cattleman Cover

CHRISTMAS EVE—From a painting by George Phippen.

THE cover of this issue of The Cattleman is furnished to us through the courtesy of the Thomas Gilcrease Foundation, Tulsa, Oklahoma, that also furnished us the subject for our November cover. If you have not seen the article about the Thomas Gilcrease Foundation which appeared in the November issue of The Cattleman we suggest you refer to that issue for further information about this wonderful institution.

The artist, George Phippen, did not start his professional art career until after his discharge from the Army in 1945. Until that time painting had been only a hobby with him. He was born on a farm near Charles City, Iowa, in 1915. When three years old his family moved to Kansas. He had a love for horses even then. It was at the Phippen family's new home in Kansas that George showed the first indication of creative talent. His education began in a little country school near Emmett, Kansas. At the age of sixteen he went to work punching cows for a living. His ability to paint cattle and horses with such accurate detail is due to his daily contact with these animals while working as a cowboy. He was encouraged to become a professional painter when a friend of his, Charlie West, gave him encouragement. West at one time rode in the same wagon with Charles Russell.

Cattle Theft Prosecutions

FRANK GOEBEL was tried in the District Court of Hempstead, Texas, on November 3, 1953, in two cases for the theft of four cows belonging to G. F. Lauraine. On a plea of guilty he was given a penitentiary sentence of five years. Evidence in these cases was handled by Inspectors Buck Eckols and G. O. Stoner for the Texas and Southwestern Cattle Raisers Association, and former Ranger E. C. Campbell.

Jackie Wheeler, Robert Holland and Roy Dennis were brought to trial before District Judge Louis B. Reed of Yoakum County, Texas, and charged with burglary. The defendants were found guilty and punishment assessed at confinement in the state penitentiary for five years. The sentence was probated. The saddles, chaps, spurs and blankets stolen were returned to Gene Bennett. Evidence in this case was handled by Texas Southwestern Cattle Raisers Association Inspector B. L. Parker of Tahoka, Texas.

What was said to be the most unusual, and probably the largest, cattle theft ring ever to operate in Oklahoma has been put out of business by the arrest of 19 members of the ring, which was operating principally in Pontotoc county. Five of the defendants, on pleas of guilty before Judge McKeel at Ada, Oklahoma, were given sentences totaling 42 years. Association members from whom cattle had been stolen were Ewing Gale, Fred Thompson and W. J. Myers.

Estes Sanders was sentenced to four years in each of three cases; Carlen Sanders, three years in each of three cases; Bob Walker, three years in each of three cases, and

A. M. Files, three years in each of two cases, sentences to run concurrently. Howard Brady was given a sentence of three years.

Complaints charging theft have been filed against John Sanders, Merrell Johnson, Floyd Crawford, R. V. Brady, Theo Morris, David Rothell, Geo. Pratt, Jr., Hagen Greenwood, Leroy Greenwood and Wiggie Fulson.

Texas and Southwestern Cattle Raisers Association Inspectors Pete Howell and Coy Rosenthal, in cooperation with Sheriff Roy Goodwin and his deputies and Leonard Ferris of the Crime Bureau, Oklahoma State Department of Public Safety, rounded up the defendants and established ownership of the stolen cattle. County Attorney W. B. Ward, Jr., handled the prosecution assisted by Association attorney.

As a result of the shooting of three cows belonging to Member Jim Olson of Grainola, Oklahoma, last July, William Myers was tried before Judge Jones, in the District Court of Pawhuska, Oklahoma, October 30, 1953. None of the cattle was killed as a result of the shooting and the defendant claimed the shooting was accidental. The trial resulted in a hung jury. Evidence in the case was assembled by Inspector Bob Holmes, assisted by the Sheriff's department of Pawhuska, and the prosecution was handled by County Attorney R. E. Haven and Assistant Everett Cunningham, in cooperation with the attorney for the Association.

AVERAGE PRICES RECEIVED BY FARMERS FOR LIVESTOCK, FEED AND WOOL¹ October 15, 1953—With Comparisons

Commodity and Unit	Oct. 15 1953	Sept. 15 1953	Aug. 15 1953	Oct. 15 1952	Average 1947-1949
Farm prices—					
Hogs, per 100 lbs., dollars	21.30	23.80	23.60	18.50	21.90
Beef cattle, per 100 lbs., dollars	14.70	15.80	16.30	21.40	20.20
Calves, per 100 lbs., dollars	14.30	15.50	16.70	21.80	22.60
Sheep, per 100 lbs., dollars	6.01	6.12	6.39	7.60	9.15
Lambs, per 100 lbs., dollars	16.60	17.70	20.10	22.10	21.90
Wool, per pound, dollars	.532	.529	.530	.528	.460
Corn, per bushel, dollars	1.34	1.50	1.48	1.53	1.64
Oats, per bushel, dollars	.727	.714	.717	.828	.852
Barley, per bushel, dollars	1.12	1.12	1.10	1.42	1.37
Hay, all bud, per ton, dollars	21.20	20.90	20.60	25.60	22.40
Cottonseed, per ton, dollars	52.40	51.50	56.70	70.70	71.60
					Oct. av. 1932-51
Hog-corn price ratio²					
United States, bushel	15.9	15.9	15.9	12.1	13.5
N. Central States, bushel	16.3	16.4	16.5	12.6	14.5
Iowa, bushel	16.1	16.7	17.1	12.7	—
Index numbers: (Av. Jan. 1910-1914=100):					
All farm products	250	256	254	282	1947-49
Feed grains and hay	187	200	198	219	223
Meat animals	273	299	305	328	334
Prices paid by farmers—					
All commodities	258	259	262	269	240

¹Estimates of Crop Reporting Board.

²Number of bushels of corn equal in value to 100 pounds of hog, live weight.

EFFECTIVE PARITY PRICES FOR LIVESTOCK, FEED, AND WOOL¹

Commodity and Unit—	Base Period Price ²	Effective Parity Prices ³		
		Oct. 15, 1953	Sept. 15, 1953	Oct. 15, 1952
Hogs, per 100 lbs., dollars	7.26	20.00	20.10	21.10
Beef cattle, per 100 lbs., dollars	7.54	20.80	20.90	20.80
Calves, per 100 lbs., dollars	8.39	23.20	23.20	23.20
Lambs, per 100 lbs., dollars	8.19	22.60	22.70	22.80
Wool, per pound, dollars	2.210	.580	.582	.589
Corn, per bushel, dollars	2.642	1.77	1.78	1.78
Oats, per bushel, dollars	.317	.875	.878	.944
Barley, per bushel, dollars	.488	1.35	1.35	1.45
Cottonseed, per ton, dollars	25.90	71.50	71.70	74.40

¹Parity prices are computed under the provisions of Title III, Subtitle A, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Act of 1948 and 1949. ²Adjusted base period prices 1910-14, based on 120-month average January 1943-December 1952 unless otherwise noted. ³Effective parity prices as computed currently in month indicated using base period prices and indexes then in effect. ⁴Adjusted base period price 1910-14 based on 10-season average prices 1943-52. ⁵60-month average, Aug. 1909-July 1914. ⁶Transitional parity, 80 per cent (85 per cent during 1952) of parity price computed under formula in use prior to January 1, 1950.

The Cattleman Staff wishes YOU

A MERRY CHRISTMAS

AND

A HAPPY NEW YEAR

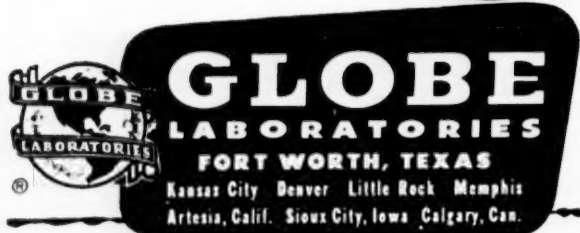
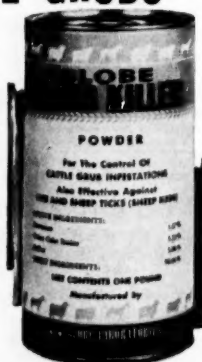
GLOBE ANTI-HEMORRHAGIC SEPTICEMIA SERUM GIVES FAST SPECIFIC ACTION



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Tax Decision Affects Ranchmen

A DEVELOPMENT of note in the livestock tax field during the past month is an adverse decision by the Tax Court of the United States in the Diamond A Cattle Company case, 21 T. C. 1, Stephen H. Hart, attorney for the National Live Stock Tax Committee, informs members of the committee.

That decision points up a dangerous possibility tax-wise for many ranchers. A great many, perhaps most, livestock producers who carry their livestock in inventory keep their books and file their returns on the cash basis in all other respects. They deduct interest and taxes, for instance, when paid rather than as accrued, and they keep no inventory of feed or supplies. This is a practical basis of accounting and certainly reflects income just as clearly as the pure cash basis. As a matter of fact, many other small businesses which use inventories are on the cash basis in all other respects.

In the Diamond A Cattle Company case, however, the Tax Court seems to hold that such a hybrid method of accounting is improper. The implication of the decision is that ranchers who inventory their livestock must use the accrual method in all respects. If the commissioner should follow through and enforce such a principle, it would completely upset the books and income tax returns for tens of thousands of ranchers and farmers, not to mention other small businesses. Therefore, we can hope either that the commissioner will not follow the precedent or that the matter will be clarified by legislation.

Cattle Feeding Situation

THE cattle feeding situation as of November 1 indicates that the volume of cattle placed on feed this feeding season will be smaller than a year earlier, the Bureau of Agricultural Economics reports. Decreases in cattle feeding are expected to be rather general with only a few states having as many or more cattle on feed as last year. The movement of feeder cattle into the Corn Belt since July 1 has been considerably below the volume moved a year earlier. Feed grain and hay supplies are generally adequate in the Corn Belt states except in parts of Kansas and Missouri, but pastures are poor in much of the Corn Belt. Feed supplies are short in Texas and other sections of the central and southern Plains states hit by drouth. However, prospects for wheat pastures have improved in that area recently. Feed supplies are adequate in the western feeding sections.

The decrease in Corn Belt cattle feeding is expected to be relatively less in the eastern Corn Belt than in the western Corn Belt states. Missouri will likely have a substantial reduction, and Kansas feeding will continue at or below the reduced level of last season. Shipments of stocker and feeder cattle into the nine Corn Belt states for which records are available for the months of July through October were about 24 per cent smaller than last year. All of the Corn Belt states showed decreases from last year during the July-October period. Largest decreases were in Iowa, Illinois, Nebraska and Wisconsin. Feeder cattle inshipments from public markets were also well below a year ago in Missouri and Kansas.

In the West, cattle feeding operations are expected to be below a year ago, although feeding activity in California is expected to continue at the high level of a year ago, and a few other states may equal last year. An estimated 307,000 cattle and calves were on feed on October 1 in California. Producers have been showing interest in custom feeding this season. Colorado's cattle feeding during the late fall and winter will be smaller than a year earlier, with considerable reduction in farm feeding. Commercial feed yards will also have fewer cattle on feed in that state. Numbers to be fed in Texas are expected to be low, due to the limited feed supplies caused by the extended drouth. However, as a result of recent rains, wheat pasture prospects have improved materially, creating a demand for stocker cattle. It may be that by the first of next year the number on feed in Texas will be as large as a year ago, which was at a very low level.

The 1953 United States corn crop is expected to be 5 per cent larger than the 1942-51 average. The crop is of generally excellent quality, maturing without serious frost damage. Hay production in 1953 is 1 per cent larger than the 1952 crop and is adequate for feeding operations in most of the important feeding areas. Feed supplies are relatively short in an area extending from eastern Colorado and New Mexico through Kansas and Missouri.

The average price of feeder steers per hundred pounds at eight markets during October was \$7.64 below last October, and the average price for the July-October period this year was \$8.59 lower than for the same period last year. Ranchers have been reluctant to dispose of feeder cattle at prices that

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 Beaver Dam Ranch, Route 2, Wesson, Mississippi
 Bodley Beefmaster Ranch, Chanute, Kansas
 Bolland Bros., Bishop, Texas
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 Howard J. Cape, Dalton, Nebraska
 Watt M. Casey, D. V. M., Box 270, Laredo, Texas
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prevailed earlier this fall. At the same time many cattle feeders have found it more difficult to finance feeding operations this season following financial losses incurred last season. Feeder steer prices reached a fall low of \$15.59 per hundred pounds at the eight markets for the week ending October 8. The price of feeder steers for the week ending October 29 was \$17.41 per hundred pounds; compared with an average of \$24.20 for the same week a year earlier. Of the cattle moving into feed lots a higher proportion are of lighter weights. The record for 8 feeder markets shows that during the July-October period the number of feeder calves and steers under 700 pounds shipped to country points was down 26 per cent from last year, but made up 59 per cent of the stocker and feeder cattle and calves going to the country, compared with 57 per cent a year ago. The number of heavy feeder steers weighing over 900 pounds shipped from these 8 markets during July-October was down 44 per cent from a year ago.

Special surveys made October 1 in the three leading cattle feeding states in the Corn Belt—Illinois, Iowa and Nebraska—showed 3 per cent more cattle on feed than on October 1, 1952. However, the number placed on feed during July through September was estimated to be 6 per cent smaller than a year earlier.

Cold Storage Holdings of Meats and Lard

STORES of frozen beef were increased by 28,000,000 pounds during October to total 166,000,000 pounds by the end of the month. This compares with 189,000,000 last year and average holdings for October 31 of 105,000,000 pounds. Frozen pork stocks fell off during the month to 82,000,000 pounds—a reduction of 16,000,000 pounds. Total pork holdings—179,000,000 pounds—were more than 20 per cent under last year's stocks and average October 31 stores. Although holdings of all meats were about 5 per cent greater than average for this time of year, on October 31, 1952, storage stocks were almost 20 per cent greater than current stores.

UNITED STATES STORAGE HOLDINGS OF MEATS AND LARD, OCT. 31, 1953, WITH COMPARISONS

(Includes holdings in public, private and semi-private cold storage houses and meat packing plants.)

Commodity	Oct. 31 1953	Sept. 30 1953	Oct. 31 1952	Oct. 31 1948-52 av.	Oct. 31, 1953, as % of Sept. 30 1953	Oct. 31, 1953, as % of Oct. 31, 1952 5-yr. av.	
BEEF:	1000 lb.	1000 lb.	1000 lb.	1000 lb.			
Frozen	166,368	138,139	189,229	104,909	120	88	159
In cure, cured and smoked	8,151	8,704	8,875	10,084	94	92	81
Total	174,519	146,843	198,104	114,993	119	88	152
PORK:							
Frozen	82,037	98,165	106,128	78,595	84	77	104
Dry salt, in cure and cured	16,125	18,234	19,744	20,261	88	82	80
Other, in cure, cured & smoked	80,812	84,198	109,022	129,896	96	74	62
Total	178,974	200,597	234,894	228,752	89	76	78
OTHER MEATS AND MEAT PRODUCTS:							
Sausage & sausage room products	14,259	15,030	15,566	12,131	95	92	118
Frozen lamb and mutton	11,330	10,113	16,062	11,656	112	71	97
Frozen veal	15,266	12,533	16,490	11,110	122	93	137
Canned meats and meat products	21,377	26,120	25,184	21,062	82	85	101
All edible offal	48,621	48,921	50,588	42,975	99	96	113
Total other meats & meat products	110,862	112,717	123,830	98,934	98	90	112
Total all meats	464,355	460,157	556,828	442,679	101	88	105
LARD AND RENDERED							
PORK FAT ¹	2	42,439	111,912	78,919	—	—	—
GOVERNMENT HOLDINGS²							
Pork	7,313	14,007	16,184	2	52	45	—
Beef	12,028	20,947	31,333	2	57	38	—

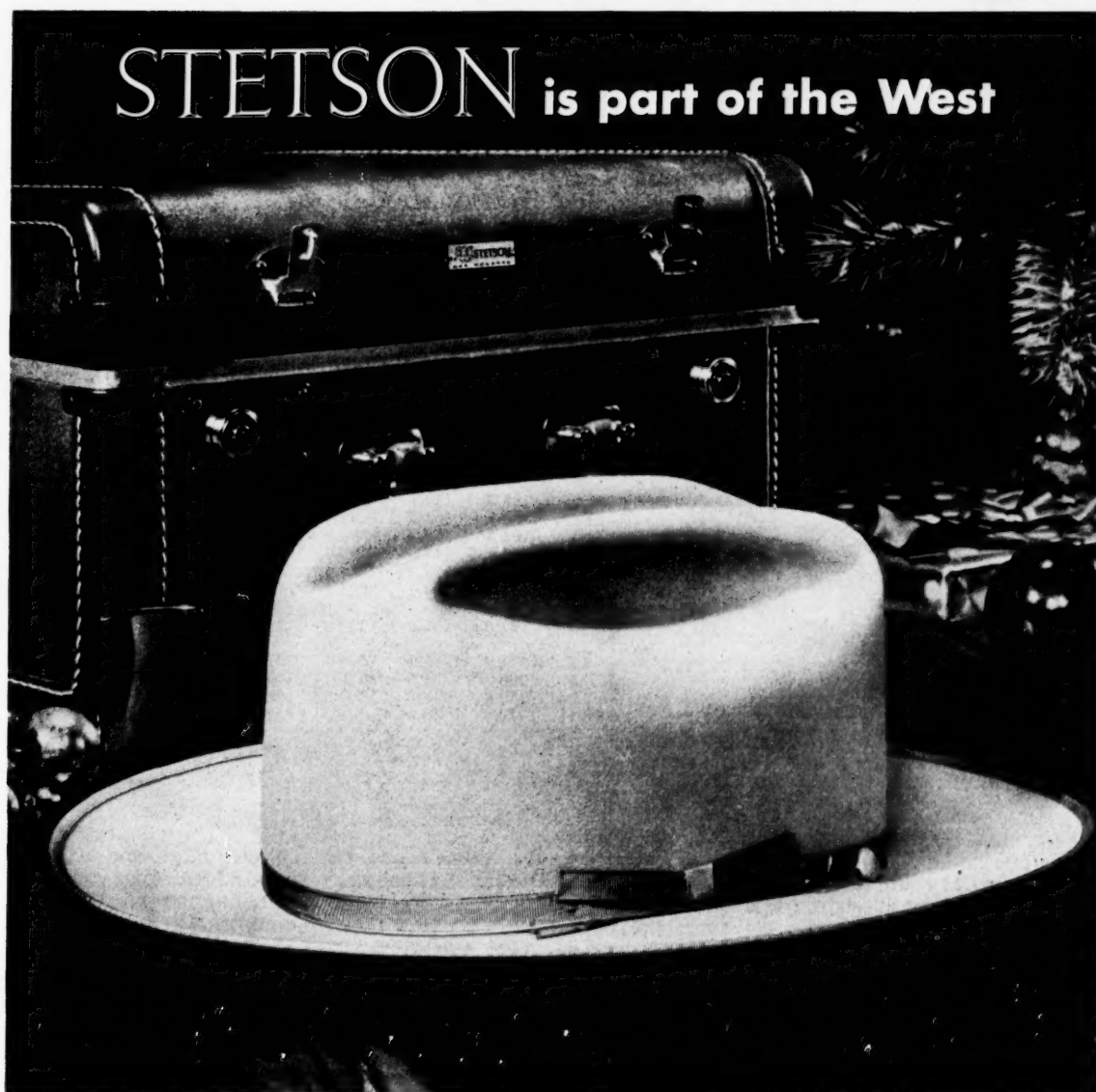
¹In dry and cold storage as reported by Bureau of Census.

²Not available.

³Government holdings are included in the totals and consist of reported stocks held by U.S.D.A., the Armed Services and other Government agencies.

Drouth Rates

THE reduced rates of fifty per cent on hay to drouth designated counties has been continued by the railroads until December 31, 1953. The reduced rates on other feed expired with November 15, 1953. However, these rates were only granted on shipments made by the government. The reduced rates on cattle are still in effect, but will expire with December 31, 1953, unless extended. It is hoped that the railroads will see fit to extend the reduced rates on cattle until conditions have improved so cattle which have been forced to move out of the drouth area may secure the benefit of the reduced rates on the return movement.



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FACTORS AFFECTING LIVESTOCK INVESTMENT TRENDS

By JOHN W. STEPHENS

NOTE TO THE READER: The information on this page is assembled and written about the 20th of each month nearly two weeks before you read it. This is necessary in order to meet the publication date. Frequently it is necessary for the author to make estimates of coming events. Sources of information and reasons for statements will be furnished on request. Address your inquiries to The Cattleman.

The statements on this page are solely the opinions and views of Mr. Stephens and in no way reflect the views of the editorial staff of The Cattleman. Mr. Stephens is an investment counsellor and you may address any inquiries to him in care of The Cattleman. If you have any suggestions for information that you think should be on this page send your recommendations to the editor.—The Editor.

CURRENT SITUATION: (Statistics taken from various government agencies).

Reference is made to page 19 of the December 1952 issue for explanation of the terms used on this page.

INDEX OR VALUE

	Per Cent Change	Latest Figure	November, 1952	June, 1950	Postwar High			Postwar Low	
(Index 1910-1914 equals 100)									
U. S. Farm Products.....	-10.2	250	277	247	313	Feb. '51	223	Dec. '49	
Livestock & Livestock Products.....	- 9.5	267	295	268	343	Mar. '51	209	Oct. '45	
Meat Animals.....	-12.0	273	310	342	428	Mar. '51	202	Oct. '45	
Prices Paid by Farmers.....	- 8.2	258	281	255	238	May '52	245	Oct. '49	
Parity Ratio.....	- 8.0	91	99	97	122	Oct. '46	91	Oct. '53	
(Index 1947-1949 equals 100)									
U. S. Wholesale Prices									
All Commodities.....	- 1.0	109.8	110.7	110.2	116	Mar. '51	92	Jan. '47	
Farm Products.....	- 9.8	93.4	103.6	94.5	118	Mar. '51	92	June '49	
Foods.....	- 3.2	104.3	107.7	96.8	113	Feb. '51	94	June '47	
All Other.....	+ 1.6	114.6	112.8	100.0	117	Mar. '51	92	Jan. '47	
Retail Food Prices.....	0	115.0	115.0	104.5	116.6	Aug. '52	100	Feb. '50	
Consumers' Price Index.....	+ .8	115.3	114.2	101.7	115.3	Sept. '53	100	Feb. '50	
(Index 1935-1939 equals 100)									
Industrial Production.....	- .8	232.0	235.0	199.0	199	Oct. '48	163	July '49	
(Dollars)									
Gross National Product.....	+ 2.5	#371.0	†361.1	275	267—1948		255—1949		
Personal Income.....	+ 3.0	286.5	278.3	219	214	Oct. '48	202	Oct. '49	
Disposable Income.....	+ 3.0	250.0	243.0	197	193	Aug. '48	185	Sept. '49	
Personal Savings.....	- 8.6	17.0	18.6	8.9	12—1946		3.9—1947		
Total Numbers (Millions)									
Employment.....	0	62.2	62.2	61.4	63.2	Aug. '53	56.9	Jan. '50	
Unemployment.....	-18.0	1.16	1.4	3.4	4.7	Feb. '50	1.3	Sept. '52	

#Figures for third quarter of 1953.

†Figures for fourth quarter of 1952.

FAVORABLE

1. Government is determined to keep output, income and employment high and will not knowingly do anything to start a decline in business. The inflationary implications of statements and actions from the Treasury Department cannot be ignored. Admission has been made that the budget will not be balanced.
2. Index of feed grain prices are 15 per cent below last year and the lowest since April 1950. Feed ratios are better than last year and looks like there will be a substantial carry over.
3. Inshipments of feeder cattle into the corn belt states is 24 per cent below same period last year (July through October) and this means higher prices for finished cattle in the first quarter of 1954.
4. Cold storage holdings have declined below last year with largest decline in pork of 23 per cent followed by a decline of 12 per cent in beef and 6 per cent in poultry.

UNFAVORABLE

1. Cost of poultry ration is \$3.72 as compared with \$4.17 a year ago with the result that chicks booked November 1st for December delivery is 46 per cent higher than last year. Eggs in incubators are 16 per cent more than at same time in 1952.
2. There is likely to be a slow down in industrial expansion and production of heavy machinery and equipment. Federal and local municipal projects may be a bit slow in getting started to offset any decline in personal spending.
3. Farmers income will run 6 to 7 per cent below last year but looks as though income in 1954 might be about the same as in 1953.

COMMENT

There is a surplus of farm equipment. You can drive a hard bargain on trades if you plan on bringing your equipment up to date. Winter months are a good time to make deals instead of waiting until everyone is in the market next spring. You should get terms to suit your pocket book.

With cattle at 25 per cent below parity for the first time since 1939 and with the Administration admitting an unbalanced budget which means more inflation, it indicates that the cattle industry is a business to stay in rather than quit, but you have to watch the price trends on the class of cattle you own.

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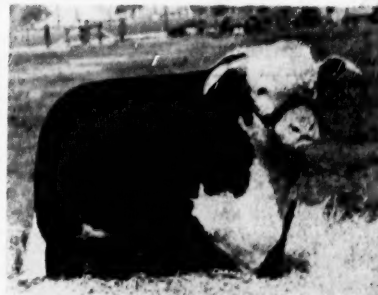
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 Dam: GHR Mischief Miss 2nd



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Texas Crops Show Improvement

CROP production for the 1953 season is turning out slightly better than indicated a month ago, according to the Bureau of Agricultural Economics. Larger cotton, peanut, rice and pecan crops are being harvested but sweet potato outturn is slightly below earlier expectations. Estimates of corn and sorghum grain are unchanged from a month ago. Harvest of mature crops moved along rapidly in open weather during the first two-thirds of the month. During the last 10 days of October, however, harvest and other field work was almost at a standstill because of wet soils. Rains during the latter half of October have completely changed the wheat, oat, barley and winter legume outlook. Except for local areas, these rains fell slowly and most of it soaked into the ground. Subsoil moisture penetration in some of the favored Plains counties was 24 to 30 inches. In the southern High Plains, October precipitation was above average for the first time in 36 consecutive months.

Winter wheat prospects over the entire state are the best in several years. Early-seeded acreage, which was just holding on prior to the October rains is now making very good growth. As October ended many fields were being grazed and additional fields were daily becoming available for grazing. Dry-seeded acreage that had been planted prior to these rains was up to uniformly good stands and additional acreage will be planted as soon as fields dry. Freezing temperatures and frosts penetrated into southcentral and southeastern counties on November 10 and brought the summer growing season to an end over much of the state. In the northwest, these frosts were a week or 10 days later than average, but in the south-central counties they were two or three weeks earlier than average.

Texas cotton production is estimated at 4,150,000 bales; 100,000 bales above the October 1 forecast. The crop now indicated is 9 per cent larger than the 1952 crop of 3,808,000 bales and 31 per cent above the 1942-1951 average of 3,162,000 bales. The computed yield of 222 pounds per harvested acre is 51 pounds per acre above the 1952 yield and 39 pounds above average.

The corn crop, now estimated at 33,874,000 bushels, is unchanged from the October 1 forecast and compares with the 1952 crop of 41,292,000 bushels and the 10-year average of 54,256,000 bushels. The current yield of 16.5 bushels is 2 bushels below the 1952 yield and a little below average. Except in the northwest, sorghum harvest is about complete. Most of the late-planted crop in that part of the state failed to make grain and the small acreage that survived is being grazed or cut for forage. The November 1 estimate of 66,500,000 bushels is unchanged from the October 1 forecast. A crop of 48,236,000 bushels was harvested last year and the 10-year average is 80,523,000 bushels.

U. S. Crop Outturn

Conditions for maturity and harvest of late-growing crops were favorable to ideal during October and the total expected volume of crop production increased slightly. It remains third-largest, nearly up to the 1952 volume but well below that for 1948. The conditions which favored harvest, however, were unfavorable for seeding and development of fall-sown grains, until good rains fell in the latter third of October.

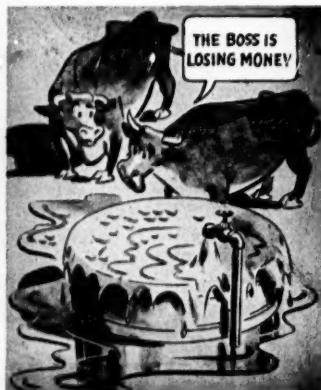
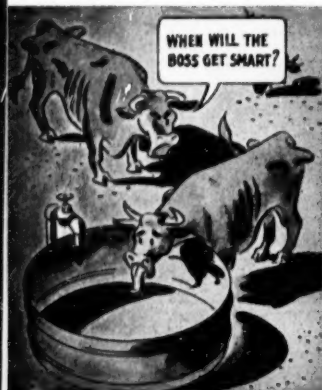
Winter wheat prospect, as of November 1, varied widely by areas, but on the whole are better than a year earlier. October rains have been the key to the situation, which at the start of the month was generally far from satisfactory. In the important Great Plains areas, prospects vary from excellent and the best in years in the Texas wheat area, to favorable with good growth in Oklahoma, mostly satisfactory and better than a year ago in Kansas, Colorado and New Mexico and mostly good in Nebraska. Dusted in wheat germinated and stands improved after October rains. In most of the North Central area, seeding was delayed by dry soils, germination and growth was slow, but rains late in October were beneficial and the condition of fall-sown grains improved. Progress of wheat in the Pacific Northwest is satisfactory to good. In the South, some early-sown grains have been damaged by dry weather, but there is still time to plant wheat. One result of the dry fields in early October may be a reduction in acreage below that intended.

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TO BUYERS OF OUR SANTA GERTRUDIS FEMALES

We, the pioneer group of Santa Gertrudis breeders listed at the bottom of this page, extend our sincere thanks to the buyers of our offering at our second annual sale. The cattle were top quality and the enthusiastic acceptance given them was very gratifying to all of the consignors. The \$1,866 average was more than \$200 above last year's figure and indicates a growing interest and confidence in the breeding offered.

We also extend our thanks to all in attendance, particularly the unsuccessful bidders and again to the buyers whose names appear below.

Buyers

G. H. Bostwick	Aiken, S. C.	Wm. Reynal	Corrientes, Argentina
James H. Boyce	Baton Rouge, La.	Louis J. Roussel	New Orleans, La.
W. W. Callan	Waco, Texas	John Shartle	Troy, Ohio
Colombian Government	Colombia	B. L. Vineyard	Wharton, Texas
R. D. Keene	Orlando, Florida	Harley Watson	Arcadia, Florida
John W. Murchison	San Antonio, Texas	Joy F. Weakley	Wharton, Texas
Julio Rebolledo	Colombia	Winrock Farms	Morrilton, Ark.

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Kingsville, Texas

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Frates Seeligson

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San Antonio, Texas

A. A. SEELIGSON

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CHARTER MEMBER, SANTA GERTRUDIS BREEDERS INTERNATIONAL

IN APPRECIATION

It was truly a gratifying experience to sell the top selling female of the East Texas Santa Gertrudis Breeders Association Sale. It was equally gratifying to know that Mr. Winthrop Rockefeller personally selected this great female at \$4,500 for his herd at Winrock Farms, Morrilton, Ark. We extend our sincere thanks to Mr. Rockefeller and wish him the best of luck with his newly established Santa Gertrudis breeding plant.

GUARDING OAK RANCH

Dan Lester, Owner

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CATTLE PRICES

By DR. ARTHUR A. SMITH, Vice President and Economist,
First National Bank in Dallas, Texas

Editor's Note: The accompanying article by Dr. Smith sets forth some of the very important phases of the cattle situation at the present time. So we are passing it along to our readers. We are greatly indebted to Dr. Smith and his bank for permission to do so. The material was originally published in the Economic Letter issued monthly by the First National Bank in Dallas.

IN the opinion of experts, the rather long and steep decline in cattle prices is over. It is being predicted freely that price stability for cattle will come in 1954. This, however, does not mean necessarily that we can expect a recovery of prices. On the contrary, an analysis of over-all supply and demand factors leads to the conclusion that there will be relatively little upward improvement in cattle prices.

The Department of Agriculture reports that the substantial year-by-year expansion in cattle production since 1949, leading to an all-time record number of head, has been stopped. But the nation's cattle inventory at the beginning of 1954 will be about the same as in January, 1953, indicating that the supply situation will be improved only to the extent that the increase has been checked.

On the demand side, expert opinion holds that beef consumption in 1954 will do well to equal the record of 75 pounds per capita set so far this year. Yet it is not expected to be much below that figure—about 73 pounds. Basic to this estimate, is the assumption that family incomes will hold up in 1954; but even if there is some decline, its demand effect may be offset by the expected low production of pork which should tend to make pork prices relatively firm and turn consumer preference toward beef.

If the prediction of price stability proves to be reasonably accurate, then the cattle industry will have to look to reduced costs for improved profit margins. And this raises some serious problems which in themselves may distort the cattle price structure, especially as between grades. For example, cattle feeders in the corn belt have been plagued by the relatively high cost of government-price-supported corn in face of falling cattle prices. Operating losses have been common. Had it not been for the fact that they were able to buy feeders in producing areas at quite low prices, they would have fared even worse.

Industry-protests against the government have been loud-est about the support of corn prices. Without such support, the current corn crop (which will be a big one of about 3,300,000,000 bushels when all is in) would most assuredly bring much lower prices. But with no apparent change in government policy, the prospect of any decline in feed costs is slim.

As a consequence, there may be considerable reduction in the amount of corn-fed beef and an increase in the grass-fed. And if the drouth is broken in the producing areas, producers will not be so willing to let feeders go at the buyers' prices. So on the whole, the picture does not look too good for those who engage in the feeding phase of the industry, unless they can get higher prices. The outlook, then, is for a lower supply of high-grade beef in 1954 and a substantially greater amount of middle and low-grade beef.

The economic structure of the cattle industry is amazingly complicated. It is almost impossible to examine simultaneously each of the numerous factors at work within and upon the industry. Yet unless the analyst has a fair grasp of all the elements involved, his prediction of the cattle market, its prices and profits may be easily upset. Major hazards in forecasting future supply and demand in the industry are:

(1) The over-all market supply of cattle is capable of very quick expansion or contraction. Drouth, tight credit, or fears of low prices can set off herd liquidations. On the other hand, good pastures, an expected or actual decline in feed prices, and optimism about cattle prices can swiftly cut the over-all market supply, as such conditions are conducive to holding.

(2) Neither cattle on the hoof nor beef on the carcass is a homogeneous product. There are several economic classes and various grades of meat, giving rise to as many different "supplies" and sets of "demands," each interacting upon the others.

(3) Consumers habitually spend a fairly constant percentage of their income for meat. However, when incomes rise, there is a preference for beef, as opposed to pork, mutton, or poultry. Furthermore, high incomes increase the preference for better quality cuts of beef. But when incomes are falling, the tendency is to allocate more of the meat dollar to less expen-



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sive meats, and to the less expensive cuts and qualities of beef. Obviously, then, the several classes of cattle are affected differently when incomes are changing—and, since other meats may be substituted by the housewife, the price analyst must never ignore the supply of pork, mutton, and poultry. Since it is almost, if not completely, impossible to unravel all these forces and predict their final results, the analyst often takes the easy way out: He makes certain assumptions, as, for example, that there will be no change in incomes and stipulates that all forecasts are off if there is a change.

(4) A confusing element that often creeps in to discredit price statistics is the tendency to down-grade cattle when the market is weak and to up-grade when the market is strong. For example, there is evidence to prove that the cattle market in recent months has been (and at present is) really worse than price statistics indicate because some buyers (with the upper hand) are down-grading animals offered, just as they tend to up-grade when the seller has the advantage.

(5) In the producing end of the industry many complicating elements are present too. In the course of historical development, three phases of production have emerged, each constituting a more or less distinct sub-industry with economic problems peculiar to it.

First, there is the source of cattle: The breeding, or cow and calf ranches. This is what we are familiar with in the Southwest. Usually a family enterprise, the primary purpose is to produce a calf crop each spring that can be carried on summer pasture and sold in the fall. If the rancher has hay and anticipates ample pasture the following year, he may "rough" the calves through the first winter, graze them during the spring and summer and sell them as yearlings the following fall or as steers the year after that. His choice of when to sell is dictated by the carrying capacity of his ranges and the situation, present and expected, in the markets. He sells his cattle, whether steers, yearlings, or calves, for slaughter, for further feeding on grass, or for feeding on corn and other concentrates in the feedlots of the Mid-west. Each possibility presents a different market in which similar but not identical price determining forces are at work.

Second, there is the highly specialized "grass-fat" cattle industry. The breeding rancher is involved in this phase if, by choice or necessity, he has elected to carry his calf crop for one

or more years. The basis of this industry is that young, growing cattle are the most efficient users of feed and that grass is the cheapest of feed although not the best. Therefore, if he has ample grass, he can turn the cattle into pasture and with little effort watch them make money. True enough, the quality of beef is not that which is preferred, and thus the price is not as high as concentrate-fed beef. Grass is so cheap, however, that he can sell cattle for less money per pound than he paid, and still make a profit. He can purchase a 650-pound steer in late fall at, say, 20 cents per pound, "rough" him through the winter, graze him through the spring and summer, and then sell him as a 900-pound grass-fed steer at 18 cents, and still make money. ($650 \times 20 = \$130$; $900 \times 18 = \$162$). The risk elements here are how well the rancher knows the possibilities of summer drouths and how well he knows cattle. The most famous areas for grass fattening are the Osage pastures of northern Oklahoma and the Flint Hills of Kansas, but increasing in importance are large areas of the South, much of whose soil has been "cotton minded" yet remains ideal for grass, which in part explains the increasing importance of cattle in Louisiana, Mississippi, Alabama, Georgia, and Florida.

The third phase is the "feeder" industry of the Mid-west. The economic basis for the industry is the presence in the region of a surplus of feed and the region's nearness to the eastern markets with their demand for high quality beef. The purpose of the feeder is to tap two sources of profit by (a) "manufacturing" beef and (b) converting the animal to a higher quality. A corn-fat steer will not only command a premium due to the more succulent meat; but the carcass will "dress out" a higher percentage of edible beef.

Although not all cattle (or even the majority) reach this final phase, the prices established for the top grades have a direct and strong influence upon the prices of all other slaughter grades and for stockers and feeders coming off of the ranges.

Thus, we are faced with a system which seems to be working like this: A small excess of quality beef forces the price of fed cattle down more than proportionally; the feeding farmer, with costly feed, leverages the price cut back to the ranges. The breeding ranchers and the operators of grass ranges have huge herds, the largest cattle build-up on record;

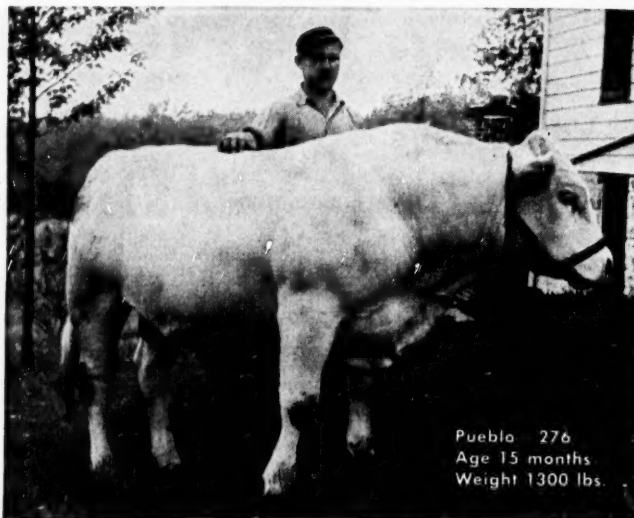
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Jᵒ

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John G. Phillips, Ramona, Oklahoma

Thanks

We extend our sincere thanks to Winrock Farms, Morrilton, Ark., for the purchase of one of our yearling heifers at the East Texas Santa Gertrudis Breeders Association Sale at \$4,000 and to Louis J. Roussel of New Orleans, La., for purchasing our second heifer consignment at \$1,000. Our best wishes to the new owners go with these two outstanding Santa Gertrudis females.

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their pastures have suffered from a long drouth; they are forced to enlarge the market supply of lower-grade slaughter cattle and feeders and stockers. This enlarged supply drags down the retail prices of the lower quality cuts of meat. This puts pressure upon the higher quality cuts which puts further pressure upon fed cattle, which makes the mid-western farmer put his corn under the loan. This will mean that Uncle Sam will restrict the acreage sown to corn, which makes the price of feed even more costly.

Out of it all one can see the risks involved in the cattle business, and he can appreciate how easy it is for predictions to go awry. From the cattle industry's experience over the past decade we can draw the age-old lesson that in the good years when the rains fell and profits were good it was the time to save against drouth and rougher times.

Foot-and-Mouth Disease Remains Confined to a Small Area in Mexico

SECRETARY OF AGRICULTURE EZRA TAFT BENSON announced November 10 that the outbreak of foot-and-mouth disease in Mexico remains confined to a relatively small area within 30 miles of the first case of the disease in the state of Veracruz, according to a report received from Walter Thurston, personal representative of the secretary and co-director of the Mexican-United States Commission for the prevention of Foot-and-Mouth Disease. Rigidly enforced quarantine lines are maintained around the area.

Inspection zones have been established surrounding the area, in which susceptible animals are inspected by teams of inspectors daily, weekly, or every 14 days, depending on the distance from the disease area. Through these measures any new infections that might appear would be detected immediately.

Mexican and U. S. members of the joint commission are receiving increasing cooperation from the livestock owners. They are working on an emergency basis to eradicate the disease as quickly as possible, for the protection of the livestock industry of both countries.

Mr. Thurston made his first report to Secretary Benson in Washington on the work of the commission since his appointment October 16, 1953. The commission has been actively engaged in eradication measures since the current outbreak of foot-and-mouth disease appeared near Gutierrez Zamora, Veracruz, May 23, 1953. The affected area is within the former quarantined zone of the 1947-1952 eradication campaign and about 400 miles south of the Mexican-United States border.

Texas Cotton Crop

A TEXAS cotton crop of 4,150,000 bales of 500 pounds gross weight is forecast by the Bureau of Agricultural Economics on the basis of November 1 indications. The crop now indicated is 9 per cent larger than the 3,808,000 bales harvested last year and 31 per cent above the 1942-51 average of 3,162,000 bales. The computed yield of 222 pounds per harvested acre exceeds the 1952 yield by 51 pounds and is 39 pounds above average.

Production now in prospect is 100,000 bales above the October 1 forecast. The larger crop now indicated for the northern Blacklands, the southern Low Rolling Plains and east Texas more than offset a decline in the southern High Plains and minor adjustments in other districts. In District 4, harvest is about four-fifths complete and the crop is yielding even better than the most optimistic expectations of a month ago. In southern and eastern Low Rolling Plains counties, some late-planted cotton, particularly, is turning out better than was expected. Rains, high winds and hail in local areas reduced prospective production in parts of the northwest during October.

Harvest was delayed somewhat in the low Rolling Plains, the Cross-Timbers, the Edwards Plateau and other widely scattered areas by early October rains. Fields dried out rapidly, however, and growers generally made excellent progress in harvesting the crop during the first two-thirds of the month. Harvest, especially in the Plains, was delayed during the last third of the month as more rain fell and growers have encountered further delay in harvesting cotton during the first week of November. As October ended, harvest was lagging in the Plains, particularly the northern High Plains, where less than one-fifth of the crop had been ginned on November 1. Ginnings through October were reported by the Bureau of the Census at 2,414,972 bales. During the past month 1,014,506 bales were ginned, with ginnings through October 18 accounting for about 700,000 bales.

America's New Railroad

*Looking ahead
on the Santa Fe*



You've been reading a lot this year about things that make and keep the Santa Fe "America's New Railroad."

New cars, new locomotives, new yards, new tracks, new communication methods, new streamliners and new freight services.

So it goes, day-after-day, on the Santa Fe—this building new. For only by constantly building and rebuilding can a railroad stay new and ready for the future. So it will be in '54 and in the years ahead—with important new projects like these now under way:

NEW CHIEF TO SAN FRANCISCO... In early '54 a whole new streamlined train—the *San Francisco Chief*—from Chicago to the Golden Gate in 47½ hours, via the San Joaquin Valley through the colorful Southwest Indian Country.

NEW RAILROAD TO DALLAS... 48.5 miles of it. Now being planned to provide direct mainline service to shorten time and mileage for passengers and freight between Dallas and Chicago and points in Oklahoma, Kansas and the Midwest.

NEW IMPROVEMENTS ALL ALONG THE LINE... Little things, big things—all things that are important to

the people who ship and ride on "America's New Railroad."

The millions of dollars this newness costs Santa Fe doesn't cost *you* a single penny in the taxes you pay.

All these things help to provide better service for Santa Fe patrons. They inspire Santa Fe people—the men and women whose thoughts, ideas and physical efforts are what make the operation of "America's New Railroad" possible.

But their feeling for their railroad goes much deeper. It's a combination of things—a great respect for tradition, mixed with equal respect for the daring it has taken to break with tradition. It's a sharing of the "let's-do-it-better" spirit that keeps the Santa Fe growing *newer* every day.

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The Cattleman's CORRAL

By HENRY BIEDERMAN

CATTLE PRICE SUPPORTS—Very significant is the action taken by the Texas Farm Bureau Federation at their annual convention in Mineral Wells recently when they went on record as being opposed to price supports for cattle. Mr. Walter Hammond, president of the Federation, says that more time was spent discussing cattle problems at that convention than any other subject.

* * *

CATTLE THEFTS—The apprehension of cattle thieves and the protection of members' cattle from the depredation of those who still seek to get some meat free continues to be one of the major duties of the Texas and Southwestern Cattle Raisers Association and its field inspectors. A report of several cattle theft prosecutions elsewhere in this issue should interest our readers.

* * *

CATTLE PRICES—We recommend that our readers read carefully the article in this issue by Dr. Arthur A. Smith, Vice-President and Economist, First National Bank in Dallas. This is one of the most comprehensive and thorough reports of the cattle price situation we have seen for a long time.

* * *

PARITY PRICES—We are again publishing the parity figures and prices received by farmers for basic agricultural products. We hope that our readers are following these figures carefully as it is one way in which they can keep up with what is happening in relation to parity prices for their products.

* * *

ANNUAL CONVENTION—The Seventy-seventh annual convention of the Texas and Southwestern Cattle Raisers Association is scheduled for March 23 and 24 at San Antonio, Texas. Details of the program will be announced soon. We suggest that members plan to be present. Officers and directors of the Association are anxious that as many members as possible plan to attend and take part in the deliberations of the Association.

* * *

SEASON'S GREETINGS—I want to take this opportunity of extending to all of our readers and advertisers the most sincere wishes of all The Cattleman staff for a very merry Christmas and a happy, prosperous New Year. During the past year we have been encouraged by the very staunch loyalty of our readers and advertisers and we hope that during the coming year we may be able to serve you better. We greatly appreciate your interest in our publication and hope that it has been a source of pleasure and help to you.



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MoorMan's Range Minerals contains 12 scientifically balanced and blended minerals—both base and trace—all the minerals cattle on range are known to need.

MoorMan's Range Minerals—because it is *all* mineral—activates the bacteria in the cow's paunch—enables the mother cow to make better use of available forage—keeps her in thrifter condition—helps build strong and thrifter calves.

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to 3 pounds per head per month at a cost of a half cent a cow a day, is all you'll need of MoorMan's—the most complete mineral on the market today—*designed specifically for range cattle.*

Special Prices on Quantity Orders. Ask your MoorMan man about the price advantages of contract orders. Or, if a MoorMan man is not available, write, wire or phone Moorman Mfg. Co., Dept. B4-12, Quincy, Ill.

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Always together—two great Western champions ...Linderman and his Lee Hat!



Bill Linderman, President of the Rodeo Cowboys Association, formerly World's Champion All-Around Cowboy

Bill Linderman rides like a champion—and dresses to look the part too.

For his hat, he won't take less than a Lee. He likes the handsome, authentic styling, pre-shaped by Lee. He knows a Lee will keep its good looks for life, and the famous Du Pont process makes a Lee water-repellent—even as it helps hold the shape.

You'd naturally expect to find these exclu-

sives in a Lee. And when you buy it, remember... your Lee is made right here in the West by skilled Western craftsmen!

You'll find many Lee hats with open crowns, too... if you like to shape your own. Either way, you're buying the stand-out hat for 65 years. Like Bill Linderman—don't take less than the best... don't take less than a Lee.



THE SPUR—with famed horseshoe crease, high roll brim. An authentic western style in choice of fourteen colors! \$10.

Shown at Left:

A. The Lee Durango, shape it yourself—\$12.50.

B. The Lee Canyon, front roll—\$10.

C. The Lee Lone Star, creased front, back and side—\$10.



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K. A. Schmitt, left, of Muskogee, Oklahoma, and the author take a look at rye and vetch growing where neighbors predicted a crop failure. Mr. Schmitt applied 500 pounds per acre of rock phosphate ahead of planting, then top-dressed the young seedlings with 100 pounds per acre of ammonium sulphate. This combination of phosphate and nitrogen spelled the difference.



Just to prove that oats could do it too, here is an adjoining field on the Schmitt farm, fertilized also with 500 pounds of rock phosphate and 100 pounds of ammonium sulphate per acre. Had potash been needed, as it is in many areas, it could have been mixed with the rock phosphate in the form of muriate to balance out the low-cost fertilizing method.

Rock Phosphate in the Southwest

By J. E. WILLIAMS

PHOSPHORUS has been truly termed "The Key of Life," for every living plant and animal requires this vital element for growth and reproduction. Grain crops contain the biggest part of the phosphorus they absorb in the form of seed, which is sent to market. Animals contain the most phosphorus in their bones, meat and milk. This explains the continuing drain of phosphorus away from the soil, with resulting deficiencies which steadily mount under continuous cropping.

The problem with which we are concerned in this article is how to replace this phosphorus, and how to build up the phosphorus reserve level of our soils, at the lowest cost. In seeking its solution, there are some basic factors involved which, when considered in their proper

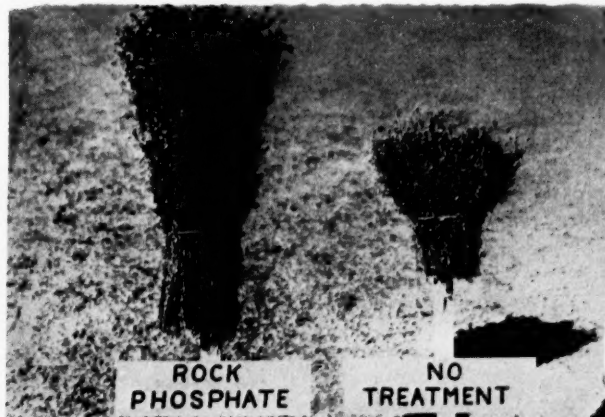
Editor's Note: J. E. Williams was raised in Polk County, Florida, principal source of pebble phosphate rock. Founder of "The Florida Cattleman" magazine, and later a ranch manager in Florida, he had ample opportunity to study the place of rock phosphate in that state's fertilizing program. Coming to Texas in 1948 he has been identified with the phosphate industry since, and is southwestern wholesale division representative of The American Agricultural Chemical Company of New York.

relationship, make it simple. Perhaps the most important factor of all, in determining the most profitable source of this

needed phosphorus, is the type of plant to be grown. Legumes, such as alfalfa, sweet clover and other improved clovers, have the natural ability to utilize the phosphorus in phosphate rock more efficiently than most of the row crops. The legume crops, with their ability to utilize slowly available phosphorus, return organic phosphorus to the soil when plowed under or through root decay, which is available to grasses or other crops.

A second important factor is the nature of the soil itself. Some soils contain acids which react with the phosphates in phosphate rock and convert them to soluble forms. Presence of organic matter, also, aids in making the rock more available. On the other hand, some soils contain excessive amounts of free calcium

(Continued on Page 54)



These results were obtained by the Oklahoma Experiment Station on alfalfa by the use of 500 pounds of rock phosphate per acre, once in each four-year period. From 850 pounds of alfalfa per acre with no phosphate, to 3,350 pounds with the rock phosphate. (Photo courtesy Horace J. Harper, Oklahoma Experiment Station.)

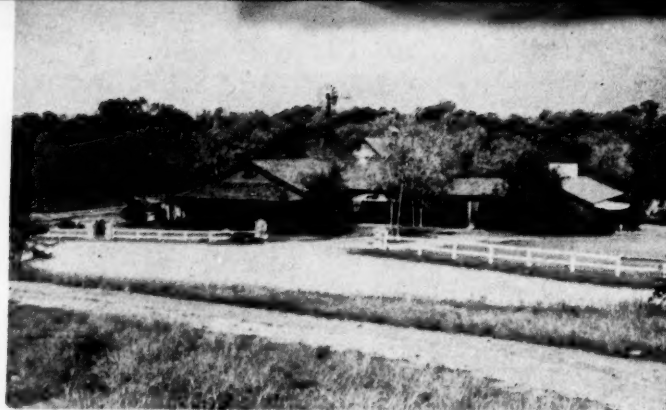


"Poor man's fertilizer program" is the way Dr. Harper describes the above. This picture was made on a Logan County, Oklahoma, farm, and the almost unbelievable application of 50 pounds of rock phosphate and 150 pounds of limestone, drilled in the row, made the difference as seen in the growth of sweet clover on the right, and the complete failure on the left.

Edwards Ranch in Family More Than 100 Years

**Spread Within Confines of City of Fort Worth.
Founded in 1848—One of Major Shorthorn
Establishments in Texas**

By ROGER B. LETZ



The Edwards ranch home in Tarrant County, where Mrs. Crawford O. Edwards now lives. Part of this home was built before the turn of the century.

ONE of the pioneer ranching establishments in the state of Texas is the Edwards Ranch, which is now surrounded by the city limits of Fort Worth.

The property is located southwest of the main part of the city and consists of 4,500 acres. The ranch was established in 1848 and has remained in the possession of the Edwards family for more than 100 years.

In addition to having the distinction of being one of the few, if not the only, ranch surrounded by the city limits of a major city, the Edwards Ranch also has one of the few large commercial herds of Shorthorn cattle in Texas. The Shorthorn, or Durham, as the breed was referred to in the early days, has been used in the beef operations of the Edwards Ranch since the days these cattle were brought into the country to replace the Longhorns which were about the only kind of cattle in the country when the ranch was established. Today the ranch has 400 breeding Shorthorn cows, the production of which is sold as calves on the Fort Worth market.

The ranch is owned by Mrs. Crawford O. Edwards and her three children, Mrs. Preston Geren Jr., Mrs. Harold Hook and Casswell O. Edwards II, who has taken over active management of the ranch with his mother.

The fifth generation of the Edwards family ownership of the ranch is represented by Casswell O. Edwards III, son of

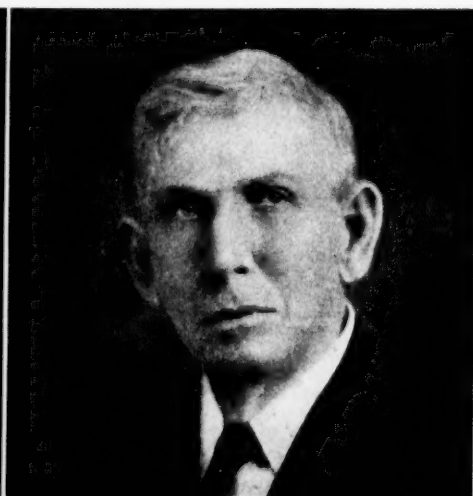
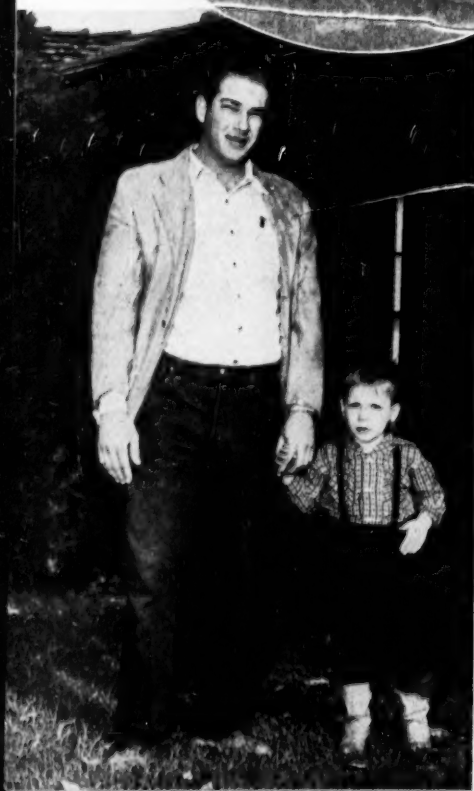
Casswell Overton Edwards, son of L. J. Edwards, founder of the ranch, helped develop the ranching interests of the Edwards family.



This shows the entrance to the Edwards Ranch just west of Texas Christian University. Trees shown in the background are on the ranch and residence at right is part of a residential area in Fort Worth.

Casswell O. Edwards II, left, and his son, Casswell O. Edwards III represent the fourth and fifth generations of ownership of the Edwards Ranch in Tarrant County.

Mrs. Crawford O. Edwards, who managed the Edwards Ranch after the death of her husband in 1942.





Shorthorn cows, grazing on the Edwards Ranch. In the background is part of the residential section of Fort Worth. The city limits now surround the entire ranch.

the manager of the ranch. He is four years old.

The history of the beginning and development of the ranch is an interesting one and is factually stated in the book, *The Cattle Industry of Texas and Adjacent Territories*, published in 1895, from which the following information was obtained.

The ranch was founded by Lemuel J. Edwards in 1848. He located on the Clear Fork of the Trinity River in Tarrant County. Edwards came to Texas from Missouri and brought his family to the ranch the next year. He was one of the very first settlers in that part of the state, and his place was on the extreme frontier for a long time after he came to Texas. In 1849 a military post was established at what is now the site of the city of Fort Worth. The military post afforded the Edwards family with a needed protection from the raids of thievish and murderous Indians. He purchased land from time to time until he was the owner of 2,500 acres. He also bought a herd of cattle from Nick Byers. He moved westward in 1860, his herd numbering from 500 to 600 head. The Indians soon began stealing his cattle and these raids, along with the raids of white cattle thieves, resulted in Edwards being robbed of nearly his entire herd and he was compelled to return to Tarrant County and take up farming. He was killed in 1869. Two of his eight children, Thomas and Richard, lost their lives in the Civil War.

One of his sons, Casswell Overton Edwards, was raised on the ranch and was very interested in the cattle business. His youth was spent in the saddle and

in assisting his father on the farm. As a boy he was given a few head of stock by his father and by reason of this gift took a great interest in the business.

Being the oldest living son he took charge of the ranch and estate upon his father's death. He kept the cattle on the Clear Fork until 1875 when range conditions became very bad and he decided to move them to Brown county. His herd then numbered about 500 head. In the spring of 1876 he again moved the cattle, this time to Hubbard Creek, near the line of Callahan and Shackleford counties, where they did well and increased in numbers. In the meantime he was investing every spare dollar in cattle and in a short time had 1,000 head on grass in this area. In 1879 he again moved west, this time to Crosby county, where he remained until 1883. He then disposed of all of his cattle to the Espuela Land and Cattle Company for \$85,000.

During the next year he purchased a tract of land in Lynn County and stocked it with cattle purchased from the Porter Brothers. This herd was built up until it numbered 6,000 head. The Edwards family still owns the Lynn county ranch. Before the turn of the century this property and the cattle on it was known as the Tahoka Cattle Company, in which Edwards was largely interested. The property at that time consisted of about 70,000 acres and W. T. Petty was manager. The production from the herds of the Tahoka Cattle Company was shipped from Amarillo, the most convenient shipping point.

Edwards owned as many as 500 horses at one time during his life but usually

had only enough to furnish his own needs in the ranching business. He farmed extensively in Tarrant County and ran hogs in addition to his Durham cattle. He was much in favor of the Durham breed, because they are easy keepers and well adapted to take care of themselves on the ranges of Tarrant County. Edwards married Mrs. Sally Weddington in 1874 and they had one child, Crawford O. Edwards, who succeeded him in the operation of the ranch. Casswell Overton Edwards died in 1941 at the age of 90, only one year before the death of his son.

Crawford O. Edwards, following in the footsteps of his father, had many friends in the cattle business and built up a very fine herd of Shorthorn cattle on the Tarrant County property. Edwards always took great pride in his steer business and had personal charge of the steer pasture. He held the calves over and would sell three and four-year-old steers. These cattle weighed from 1,300 to 1,600 pounds, were of the highest quality and attracted a great deal of attention when Edwards sent them to market at Fort Worth.

After his death in 1942 Mrs. Edwards took over active management of the ranch. Her husband was ill some time before his death and had taught her a lot about the ranching business. From 1942 until recently when her son, Casswell O. Edwards II, became of age to help run the ranch, Mrs. Edwards had full responsibility of taking care of the business. She continued the breeding of the "Durham" cattle and refused many offers to sell the ranch which is in great

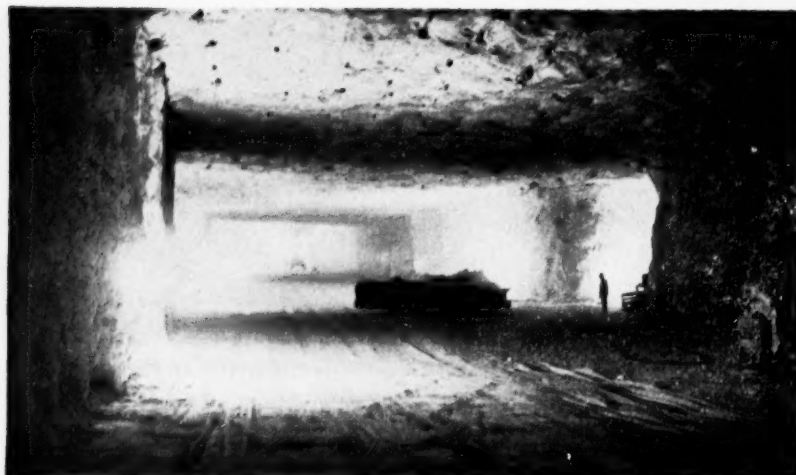
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Hands on the Edwards Ranch are Kelton Kemp, right; Ralph Brewer, center, and Robert Haggerty.



Shorthorn bulls on the north part of the ranch pictured after a season of heavy service.





Shuttle car hauling rock salt from blast site to crusher hopper in mine at Grand Saline, Texas. Power rig in distance is loading dynamite for new blasts. Photo by Howard Beaird.

Salt on the Range

By WAYNE GARD

OLD Man Texas knows what it means to be worth his salt. In the history of the livestock industry in the Southwest, salt has been an essential factor since the earliest days. Next to water and grass, the salt licks determined the routes of the buffalo and Indian trails and the later cattle trails. Often they made the difference between a good range and a poor one. In some instances, frontiersmen clashed in feuds and minor wars over salt. This white magic was Texas' first commercially produced mineral.

To the ranchman, salt is much more than a seasoning for much of the food on his dinner table. It's a necessary part of the diet of his herds. It's used to cure the hides of his cattle and to preserve his meat. It helps to freeze ice cream. In the Civil War, some blockaded folks were willing to pay a dollar a pound for salt. But today it's almost as cheap as gravel.

The Lone Star State may run out of oil some day, but it won't run out of salt. It has enough under its soil to supply the whole nation for several centuries. Vast salt beds underlie much of West Texas, and the coastal plains region has huge salt domes forced up from unknown depths. For more than two centuries, salt has been in continuous production in Texas.

One of the earliest known sources was a series of shallow lakes and flats in what is now Hudspeth County, near the Guadalupe Mountains. Another was a salt lake in the present Crane County, just above the Horsehead Crossing of the Pecos River. An old marker found there in 1932 bore the name of King Philip V of Spain. Still other early sources were in the lower valley of the Rio Grande. The latter included La Sal Vieja, a salt lake in northwestern Willacy County, and the more important Sal del Rey in northeastern Hidalgo County. Indians, Mexicans, and early white set-

tlers came from long distances to obtain supplies from these deposits.

A map that Stephen F. Austin made in 1831 shows salt works below Goose Creek and across from the present Morgan's Point. Indians, coming from distant villages for salt, had worn trails through the marshy lands to this point.

Graham, in Young County, had an active salt production from wells in the 1870's. In the summer of 1873 this village had two salt wells, one three hundred feet deep and the other four hundred feet. Together they turned out about 1,500 pounds of salt a day. The salt was of good quality.

A few years later a dispute over the surface salt deposits at the foot of the Guadalupe Mountains, 110 miles east of El Paso, led to a bloody feud now known as the Salt War. This friction arose over an unwarranted effort to corner the supply and sell salt to those who had been obtaining it for the hauling.

For many years, people from both sides of the Rio Grande had been coming to these flats to take salt without payment. In 1877, Charles H. Howard of El Paso, a political schemer who had won election as a district judge, set out to gain personal possession of the deposits. When Judge Howard tried to levy tribute on persons who came for salt, he was seized by an infuriated crowd. His captors released him only after he had agreed to resign his judgeship, to relinquish to the public his claim to the salt deposits, to make a twelve-thousand-dollar bond, and to leave El Paso County forever.

Howard left for Mesilla, New Mexico, but came back quickly with a double-barreled shotgun and, on October 10, killed a political opponent, Louis Cardis. Again the judge escaped to Mesilla. As stern-faced Mexicans were coming across the border and threatening Howard's bondsmen, Major John B. Jones of the Texas Rangers was sent to restore order. He recruited a new company of Rangers

and left them, with an untried lieutenant, to handle the situation.

When Howard returned to Texas in December, the Mexicans quickly took up his trail. Their first victim was one of Howard's bondsmen. They stabbed him in the heart, scalped him, and left his body in a gunny sack in the sand hills. The judge had a Ranger escort, with the inexperienced lieutenant in charge, but was besieged nonetheless.

Finally, to save the lives of the Rangers, Howard surrendered. He and two of his friends were shot by the Mexican mob, and Howard's body was hacked and mutilated. After the bodies were dragged half a mile and dumped into an old well, the salt carts resumed their tedious journeys.

Since then, salt production in Texas has become a highly mechanized process, whether the salt comes from brine, from evaporation, or from mines. Some of the state's former salt works, including those at Colorado City and Palestine, have been closed; but production at others has been stepped up. Since World War II, Texas salt production has been well above a million tons a year. The value, at its peak, has exceeded three million dollars a year.

At Pierce Junction, almost in the shadow of Houston skyscrapers, the Texas Brine Corporation has a well from which it delivers brine to customers by tank truck. At Houston and Corpus Christi several large chemical plants have their own brine mines and pipelines. Most of them use the salt in making caustic soda and chlorine.

Near Hockley, in upper Harris County, the United Salt Corporation operates the state's second-largest salt mine. Its deposit is believed to be six miles long and four and a half miles wide and is estimated to be about three miles deep. After the rock salt is blasted and brought to the surface, it is crushed into various degrees of fineness for ranch and industrial uses. Some of the salt for cattle and sheep is molded into fifty-pound licks, in some of which sulphur and calcium phosphate are added.

The oldest and biggest salt mine in Texas is that of the Morton Salt Company at Grand Saline, in northeastern Van Zandt County. This company, which still uses wells in addition to its big mine, turns out table salt, livestock salt, and types for many industrial uses. Anyone who explores the mine can see that the supply there is almost inexhaustible. The underground dome of solid salt is estimated to be a mile across and three miles deep.

Those who take the elevator down the 700-foot shaft find themselves in a weird labyrinth of white walls and cathedral-like recesses. Some of the ceilings are about eighty feet high, although most of them are lower. Street after street leads through passages between gigantic salt pillars. A stranger could easily become lost.

The passages, equipped with electric lights and air blowers, lead to dead-ends where high-perched men are using diamond drills to make holes for dynamite. In others, shuttle cars are loading loose rock salt and hauling it to a crusher. From there it goes on a conveyor belt to an elevator.

The town of Grand Saline, which sits quietly on top of this enormous supply, has been associated with salt from its

(Continued on Page 42)



At the big reindeer roundups the different herds are sorted, the animals branded with the owner's brand and a certain number selected for slaughter.

Reindeer in Finland

By ELMER A. REESE*

Reprinted from Foreign Agriculture

REINDEER to most of us are figures of folklore, speeding lightly over housetops with St. Nicholas' sled. But to many people they are anything but legendary, for they are often the very means of subsistence.

Long before history was recorded—in the Stone Age—reindeer were used as pack and draft animals and as an aid in hunting. Ninth century records of Norway, in runic script, tell of the prominent position of reindeer in the lives of Norsemen: They took the place of the horse, the cow, the sheep, and the goat, serving as beasts of burden and providing meat, milk, and hides for wearing apparel. In this twentieth century, reindeer still hold an all-important place for thousands of people. For the Lapps of northern Finland, reindeer are an almost indispensable means of transportation in winter and practically the only means of livelihood.

Reindeer raising is one of the most rugged and difficult occupations anywhere because of the unfavorable climate of Lapland during most of the year, the barrenness of the land, and the remoteness of the area. For those who visit Lapland, however, reindeer raising has many picturesque aspects.

Some people are enchanted with the beauty of Lapland's solitude interrupted only by the passing of reindeer herds obediently following the sound of their leader's bell over the almost barren plains and snow-clad mountains where even the reindeer has difficulty in eking out a living. Many admire the Laplander's stamina, which makes it possible for him to follow his herd for days and nights over rugged, pathless distances, with only the assistance of his proverbially understanding dog. Many are interested in the Laplander's colorful costume—his reindeer-fur or navy-blue coat with multicolored trimming, his brightly colored scarves, and his four-pointed cap, said to repre-

sent the four directions from which the winds blow.

Reindeer raising is the way of life for almost 3,000 people, the genuine Laplanders who depend almost entirely on the raising of reindeer for a living. In



Many Laplanders depend on the reindeer and sled for winter travel.

all, there are about 20,000 reindeer owners in Finland today and in the neighborhood of 140,000 reindeer.

The Province of Lapland comprises about 30 per cent of Finland's land surface but sustains only 4 per cent of the

population—about 170,000 people. Much of this region, particularly the more rugged terrain of the north and northeast, is covered by scrubby, slow-growing trees that seem to have no commercial value, but it produces lichen on which reindeer graze. This northern region, in contrast to the generally low, hilly topography of Finland, has an elevation of more than 650 feet and is bounded on the north, northeast, and east by a semicircle of partly snowclad mountains known as tunturit, or arctic mountains. In these mountains, and even in the less rugged terrain, reindeer are practically the only available means of subsistence for the native inhabitants, the nomadic Lapps.

Roads are limited in number and unimproved. In the long winter months it is difficult to travel in much of the area. Snow two to three feet deep usually covers the ranges about 180 days in southern Lapland and 210 days in the extreme north. The mean temperature for January is 7.5° F. and for July, 54.5°. In midsummer the sun does not set for 60 days, and for two long cold winter months the Laplander is without sunshine. The reappearance of the sun is hailed with joy, since the inhabitants, except the herdsmen, are generally confined to their huts in the cold semidark winter season.

Lapland has only about 2 per cent of Finland's tillable land and is able to produce only a limited quantity of fodder crops (hay and oats for hay) and potatoes, primarily because of the unfavorable climate. Oats, spring- and fall-sown rye, turnips, timothy grass, barley, and potatoes can grow and are usually grown in southern Lapland, but do not always mature.

Livestock, other than reindeer, are raised and contribute much to the economy of Lapland. In 1949 there were about 10,300 horses, 47,600 cattle, 43,000 sheep, and 1,400 hogs. According to the best data available on reindeer numbers there were 119,000 head in 1949, 124,000 in 1950, and 138,000 in 1951. These numbers indicate the economic and social importance of the reindeer industry in relation to other types of livestock. But its chief significance lies in the fact that vast areas of relatively barren land are put to productive use.

Reindeer Husbandry

Reindeer feed largely on lichen—reindeer moss (*Cladonia rangiferina*)—which grows slowly but in great abundance in the north of Europe, particularly in Lapland, as well as on the tundras of Siberia.

(Continued on Page 44)

Lapp family of Finland's northern mountains photographed in front of their turf home. Families in this area depend on reindeer for a living.



*Mr. Reese is Agricultural Attaché for Sweden and Finland, American Embassy, Stockholm, Sweden.

Horse Handling Science

By MONTE FOREMAN

"ROUND PEN AND OPEN COUNTRY"



Above: Round pen (50 to 60 feet in diameter) saves time and money.

Even a five-year-old can exercise horses—and do 'em good. (Gary Foreman.)



Right lead "jump out."

Below: Horse "Cowboy Hancock." Sire: 6666's Joe Tom. Owner: Bob Farr, Mgr. Sawyer Cattle Company. Rider: M. Foreman.



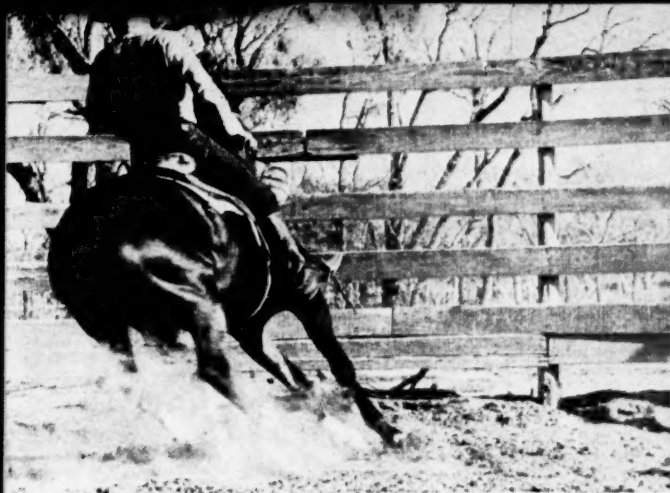
We have a limited number of Horse Handling Science Volumes I and II available at \$1 each. Send check or money order to Special Book Dept., 410 East Weatherford, Fort Worth, Texas.



CAN you send a horse off into either lead at any speed, including "jump-outs" from stops and back-ups? . . . If he's to handle his best, either lead "upon call" is a top basic requirement.

When following a cow—or blocking her—the horse can see which way he has to go, but when handling by rider command he must be told a split second ahead of time to let him get set to obey the command. Responsiveness is helped greatly by practice. Practice at taking off in either lead any time. A round pen (50 or 60 feet in diameter) causes the horse to take his leads more readily—and with a minimum of force. Be sure he gets the correct lead all of the time! He should never be allowed to work disunited!

After a work in your round pen, go outside and ease him across the country. Country like this pictured is ideal; plenty of up and down, not too rocky, lots of things he has to watch. Walk a lot because it helps his condition, trot and gallop too, but only as much as his physical condition allows. As he hardens and wind increases he can go farther. Never tire him out by overwork. You'll find that he picks up a little more suppleness to the rider's command each day. It's sure a pleasure to "feel" 'em improve!



Placement of hind legs show "Cow-boy" will come out in the left lead. When turning to the left he should take the left lead. In rolling to the right he should come out in the right lead.



Upper right: Left lead—and everything mighty quiet!

Go outside and ride the country. Walk and trot a lot.



Up and down hill. Make a big circle.

Lower right: Handle him easy, but make him go exactly in the spot you guide him.



Below: Lope; but be sure he's in the correct lead for the turn before he gets to the turn.







It's human nature I guess, but it seems to me some of us go about this Christmas spirit backwards. We set aside one day a year to be extra friendly and helpful to our fellow man, and then don't think too much about him for the rest of the year. Maybe it'd be better to hang on to the spirit of Christmas 364 days, and pick one day for being just plain cussed.*!#!

'Course then everybody'd choose the same day to be ornery and then where would we be? Guess it's better to let well enough alone and be downright thankful for what we've got.

And speaking of being thankful, I want to take time right here and now to say "thanks" to all of you loyal readers for putting up with me and my ramblings all last year. Your buying and using of the Cutter veterinary products I've talked about sure pleases me — along with my bosses (all umpteen). It's the say-so we need to go on producing 'em and making new ones for you in the future.

Just like I got my licks in on you about our products all year, you got your licks in on us with a whole herd of ideas and suggestions we never could get from a test tube or microscope. I'd like to say thanks for them, too, 'cause they've been a pile of help to all of us. 

Every year about this time I get to thinking how nifty it would be if we could get around to see you personally and talk over your animal disease problems. But you've got us outnumbered. However, the help we can give you is as near as your local Cutter supplier or your own R.F.D. box. 

Let's hear from you soon. Meanwhile, from all of us here at the lab — A VERY MERRY CHRISTMAS AND A HAPPY PROSPEROUS NEW YEAR!

See you next month.

Ol' Bull



CUTTER LABORATORIES
Berkeley, California

Oldtime Christmas Gallyhoot

By S. OMAR BARKER

*Them oldtime Christmas gallyhoots of cowboys come to town
Was looked upon by many with a disapprovin' frown;
For none of them wild buckaroos was what you'd call a saint
Whenever they was feelin' good and had a town to paint!
They warmed their gut with whisky and they danced with painted gals,
Forgettin' for a little while the dust of hoss corrals,
The salty sting of roundup sweat, a frosty saddle's chill,
And all the woes of cow-work where the wind was never still.*

*They come to town to frolic and to maybe raise some hell—
There wasn't much of else to do, and so they might as well
Stir up a little whingding and put on a little spree,
And gamble off the wages they had earned up in the tree.
Some of the breed was beardless boys and some was weathered men,
But all of them was samples from the same tough brandin' pen
Of rawhide ridin' roosters in a country wild and wide,
Where life was raw and rollicky, and mostly lived outside;
Where families and churches both was mighty hard to find,
And even if a buckaroo, at Christmas, was inclined
To spend the day religious with a home-folks angle to it,
There simply wasn't anywheres that he could go to do it.*

*Them oldtime cowboy gallyhoots was Christmas in the rough,
For some of them ol' buckaroos was rootin'-tootin' tough,
But punchin' cow was lonesome work, and Christmas was a chance
To beat the "bunkhouse lonesomes" with a little prowl and prance,
A little whoop and holler and a little panther juice,
And all the other trimmin's of a cowpoke on the loose.
A home-folks Christmas would have suited some—and they admit it—
But cowboys had to take their fun wherever they could git it!*

Beef Breed Judges For San Antonio Show

TOP livestock judges in the nation have accepted positions with the 1954 San Antonio Stock Show, according to Mark L. Browne, general livestock committee chairman.

Selected for their extensive experience in exposition show rings throughout the country, the judges will work in 16 major departments of the show. More than \$57,000 in livestock and horse show premiums, a record in the show's five year history, are being offered in the February 12-21 exposition.

Don Good, Department of Animal Husbandry, Kansas State College, Manhattan, has been assigned a dual judging job by the exposition. He will judge the Aberdeen-Angus breeding cattle and all steers exhibited at the show.

From the Animal Husbandry Department of Oklahoma A. & M., Stillwater, Dr. A. E. Darlow will judge the Herefords, while Polled Herefords will be judged by Glen Bratcher, head of the Animal Husbandry Department at Oklahoma A. & M.

W. L. Stangel, Dean of Agriculture at Texas Tech in Lubbock, will judge the Shorthorn cattle, while Dr. J. C. Miller, head of the Animal Husbandry Department at Texas A. & M., will select the top ABBA Brahmans.

A new twist to the 1954 exhibit will be a trio of specialists selected by the Pan American Zebu Association to judge the PAZA Brahmans. The group includes Dr. Ivan D. Maldonado, Valencia, Venezuela; Senor Pedro M. Osorio, Cartagena,

Colombia; and Dr. Narciso R. Montalvo, Monterrey, Mexico.

Dr. Oliver S. Willham, president of Oklahoma A. & M. College, has accepted the job of judging the Brangus entries. Santa Gertrudis cattle, a new department for the 1954 San Antonio Stock Show, will be judged by John Armstrong of Selma, Alabama. Premiums for this new department total \$2,000.

"Cow Country, U. S. A."

"COW COUNTRY, U.S.A.," the newest publication of the American Hereford Association, is one of the most attractive booklets on Herefords ever issued and anyone interested in cattle will enjoy the many attractive pictures within its pages. The booklet represents the first attempt by a livestock organization to present their story in full color throughout the publication.

"Cow Country, U. S. A.," contains 36 pages in which are reproduced 46 scenes pertaining to Hereford cattle, many of which are suitable for framing. The pictures are by such famous photographers as the late Guy Smith, Charles Belden, Richard W. Hufnagle, Fred Bond, Ray Manley, Fred P. Clatworthy, Josef Muench, Charles W. Herbert and others. It was prepared by the public relations department of the American Hereford Association, of which Don McCarthy is director.

As long as the supply lasts, a complimentary copy of "Cow Country, U. S. A.," may be obtained by writing the American Hereford Association, 300 West 11th, Kansas City, Mo. Additional copies 25 cents each.

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Grains It's not how much they eat—it's what sticks to the ribs that counts in counting your cost in producing beef and milk. Your animals can assimilate a far more profitable percentage of their grain intake when you BALANCE your feeding program with VIT-A-WAY.

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Picture of Bob Duke (left) taken in 1898 mounted on Monkeyface, and two of his cowboy friends.

A Christmas Gift from Monkeyface

(Alamocitos - 1898)

By MRS. R. L. DUKE

A LAMOCITOS, where Bob Duke was staying the winter of 1898, was a line camp that had originally been built by the Spanish people in the late '70's. The XIT Company traded land farther east for it because it would have been located within their fence.

The stone house with walls 18 inches thick was built on the west side of Alamocitos draw, about eight miles south of where it emptied into the Canadian River. There were two large rooms: east and west with a door and window in each room on the south side. The east room,

the larger of the two, had a north and an east window.

There was a big fireplace on each side of the partition but no doors. This was a relic of Moorish influence in Spain. Bob lived in the east room with his bed-roll, cupboard with dishes, pots and pans. He came in some nights very late, and he always kept a big pile of wood in the corner of the room next to the fireplace to feed that fire. He also had a bachelor stove with an oven in the pipe, on which he made his coffee, baked sourdough bread, beans, etc.

Christmas morning Bob awakened early and built the fire in his bachelor stove. He put the coffee pot on, then turned his attention to renewing the fire in the enormous fireplace, which was six feet long and held almost a load of wood. He piled on another back log and more wood, thinking about the dance that evening.

He had a lot to do this morning because of the dance at Tascosa 25 miles away. He had been told at Tascosa on last mail day to be sure to come, as they were depending on him to be the main caller for the square dances. He had made a specialty of calling for dances. He had gotten some new calls from Kansas City and had tried them out on some fellow cowboys from nearby ranches when they had stayed with him on election night in November. Jim Perry, known as Nigger Jim, had played the fiddle while Bob had put them through their steps in the big east room.

But most important, some new girls, school mams from Dumas on the north flats, would be there. They were teaching on some ranches in Sherman and Moore Counties.



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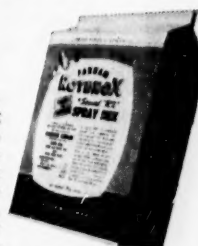


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Bob went out to milk his one cow, feed the chickens and Mexican quails scurrying around with them. There was a pond in the dammed up flowing stream that had several wild ducks on it tipping up and feeding. Monkeyface, his favorite horse, met him with a nicker.

Monkeyface was not really a pitching horse. He just told you he didn't like something. He didn't like to have a cold frosty blanket slapped across his back or a pair of zero cold bridle bits put in his month. Above all he wouldn't stand to be spurred in the shoulders as one man who rode him found out. He pitched the man off and he turned a somersault, coming down flat on his back, still holding the horse's reins. The man raised up, looked straight into the eyes of the horse and exclaimed, "You monkey-faced — — —." From then on that was his name. He had intelligence and the adaptability to be trained. Bob could rope and tie a steer with him. He would shout "Slack" and the horse would walk carefully a little way toward him. "Tight" and he would walk carefully a little way off from Bob.

After "graining" Monkeyface he went in, exchanged his heavy flannel shirt for a new white cotton one and put on his new tailor-made suit from Denver. He strapped his overcoat and his shoes to dance in on the back of the saddle.

As was his custom, he talked to Monkeyface as he rode along.

"It's too warm for this time of year. Look at the cattle with their heads to the south and half asleep. Must be a weather-breeder. Oh, well, we are going to the dance. Going to meet some honest-to-God girls, so they say."

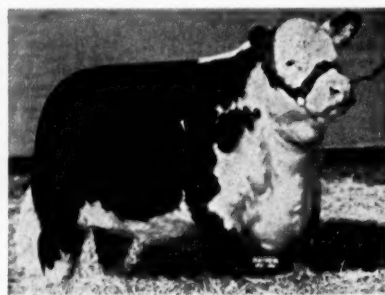
There had been a light snow about three weeks before but it was all gone

now except for some on the north side of the hills. It was about eight miles north to the river, a winding road on the west side of Alamocitos draw. After he crossed, he would follow the river to Tascosa east. The crossing was solid rock, but a short distance east, the river spread out over quicksand.

When he crossed the water was about three feet deep with a little ice on each side of the flowing stream. Monkeyface walked straight through it.

He reached Tascosa around four o'clock and turned into Micky McCormick's wagon yard, where cowboys' and freighters' horses were put up for the night. Here a horse had shelter, hay, feed and water.

"How's Alamocitos? Everybody gone home for Christmas?" asked one cowboy he met.



EER Victoria Tone 50, champion Polled Hereford female at the Grand National Livestock Exposition, San Francisco, owned by EE Ranch, Senatobia, Miss.

"Yes; everybody is gone for Christmas week. But I don't have much to do. Only milk a cow, feed chickens. No poor cows to feed yet. Is anybody here?" he asked.

"Oh, yes; a fellow brought in some girls from the north flats, and they sure dance, so he says."

On the dance floor in the court house Bob gave out the numbers. The musicians were busy tuning a violin and guitar. Bob's eye caught a certain girl as she moved in the square dance to the call of "Lady put sugar in the coffee, oh." She was a Miss McKay from Dumas. His number came up, because he was calling, so his number would be in the last set before the numbers were repeated again.

She had seen him and heard him calling the sets and as was the custom of those times he marched up to her:

"Miss McKay, I am Bob Duke from the Alamocitos camp on the XIT Ranch. Will you dance the next set with me?" She said, "Yes, sir."

He called the set while they danced. In the intermission between the two changes of the set, they talked.

"I have heard of you, Mr. Duke," she said.

"I never heard of you until tonight," he confessed. "But I was told that we would have some girls from the north flats."

During their conversation he learned that she was from Montague County, not far from his home county of Wichita. They had both come to the Panhandle for the same reason—chills and fever down in that country. Out here they didn't have them any more. Her parents were coming out in the spring to home-

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stead and she was sure they would like the country as much as she did.

The second change that he called was 3 by 9 in a pokey-oh to the music of the new song "Ta-rah, rah-rah, Boom de-ay."

"You must be a good round dancer, you dance this so well," said Miss McKay, once.

"No, I can't round dance," he said.

After supper at the second call of "Ladies' Choice" she marched up to him and asked him to dance with her. Certainly, he said. Then she went to the fiddlers and asked them to play "Ta-rah, rah-rah, boom de-ay" for a polka.

She said, "I am going to teach you to polka. You did all this when you danced 3 by 9 in a polka-oh."

He was on the spot and he had to go through with it. He made a go of it before the fiddlers stopped. Then she got him to schottische later with "Down Went McGinty." The cowboys had been singing "Down Went McGinty" and "Ta-rah, rah-rah, boom de-ay" all over the ranch since they had come back from Kansas City in the beef shipping.

Said one cowboy, "She is working hard to get him to round dance. I've tried to teach him at the camp, when old Jim played, but he couldn't keep time to nothin'."

About ten o'clock there was a dim roaring outside. Boys coming in said, "A norther' is on." It was getting much colder by two o'clock. By sun-up it was dangerously down near zero.

When Bob started home near ten o'clock the Canadian was frozen over. It had been lazily flowing along the day before. The winters before had been mostly "open," as they called them. Once it had been a degree below zero, but it only lasted a few hours. It was pretty cold but since Bob had had a hot breakfast it did not seem so bad. He rode Monkeyface alongside a carriage to the forks of the road to Channing. The driver said they would stay at the XIT Hotel in Channing. He didn't like jaunting around in such cold weather as one could freeze to death.

Bob stopped Monkeyface and watched the carriage as long as he could see it in the hills as he would not see another human being for more than a week.

As he went pacing along, every little stream from the north was frozen solidly over to such an extent that Monkeyface walked on top of the ice without going through it.

He made it to the crossing of the river and he would soon be home, only about eight miles to go. As he came up to what had been flowing water the day before, there was now a solid sheet of ice. Monkeyface stepped on the ice and broke through. He fell and rolled on his side in the icy water. Bob got off and led him while he walked on the ice. He was thoroughly soaked since he had fallen when Monkeyface rolled over.

Monkeyface stood still, the saddle blanket a solid sheet of ice and let Bob climb on him, his clothes already freezing. He started galloping to get to camp as quickly as possible. He began to get warm and he knew that would never do. He got off and tried to walk but it was impossible with his frozen trousers. Monkeyface stood patiently while he climbed slowly on his back.

He finally arrived at camp and unsaddled Monkeyface. He changed his clothes and built a hot fire in both the stove and the fireplace. After drinking quarts of hot coffee he still had chills

All Progressive Ranchmen Read The Cattleman.

Lower Cost Feeding?

The scientists' new "rumen seeding" may be the real inside story which feeders have been looking for



Research scientists are now "seeding" the paunch, or rumen, of cattle, calves and lambs with millions of extra bacteria. They are boosting the paunch population with new microscopic "bugs" . . . the kinds that may help those already present in breaking down feeds and changing them into digestible nutrients. That would mean "money in the bank"!

Researchers are learning many of the secrets of bacterial fermentation that enables four-stomach animals to convert roughages and other feeds into meat. But they still have a lot of work to do. They want to know the answers to many more questions about the different kinds of "bugs" . . . the enzymes they produce . . . how livestock men can put them to practical use . . . many other unknowns. These answers may help avoid pitfalls.

Continued research on "rumen seeding," the scientists hope, may produce this practical result: *Feed fortified with the right kind of "bugs" may allow range animals coming off the range to be put on full feed in days instead of weeks. Faster, more economical gains appear to be possible because the new "bugs" or "what goes with them" are needed in the paunch for quick adjustment to feed-lot feeding.*

Evidence also indicates that "paunch seeding" in the form of special "bug pills" can also be effective in bringing cattle, calves and lambs with digestive ailments back to good health. One example: Western lambs shipped to the Corn Belt refused to eat and drink upon arrival. A "paunch-seeding" treatment caused a satisfactory response.

"Paunch seeding" may soon be out of the laboratory and experimental stage . . . and become another way to lower your feeding costs through healthier, faster gaining cattle, calves and lambs . . . better utilization of all feeds, with less waste and more gain per pound of feed fed. Watch for further developments on "paunch seeding."

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Who Benefits?



"Who benefits when cattle and other livestock prices decline?" That's a good question. Actually, both producers and meat packers stand to lose on a declining market. Meat packers don't like sharp breaks in livestock prices any more than producers do.

For example, Swift owns many hundreds of cattle at all times . . . in transit, or awaiting plant slaughtering schedules. When cattle prices drop 50¢ per hundredweight, it means the value of every 1,000-lb. head Swift owns drops \$5. Also, there's a big risk of further losses on a declining dressed beef market—because of the time required to process, distribute and sell the beef. This takes about seven to fourteen days . . . even longer for hides, which require about thirty days in cure.

Meat packers do not buy livestock at low levels and freeze great supplies of meat to sell when prices are higher. The quantity of beef, lamb and veal in storage at any one time is never as much as 3% of a year's slaughter.



When wholesale prices drop sharply, meat packers also have big losses. Sometimes part of those losses may be made up by price increases. But since price rises are usually due to scarcity, a packer never owns as much livestock and meat when prices rise as when prices decline.

Instead of sharp price changes . . .

up or down . . . volume is one of the biggest factors in meat packer profits. Many overhead costs, such as buildings, equipment, taxes, etc. remain the same regardless of whether the volume of meat handled is big or small. When the volume is doubled, we are able to spread these costs over twice as many pounds of meat.

It is the ultimate consumer of meat who usually benefits when livestock prices decline. This is due to price concessions which meat packers usually must make in order to sell the increased supply of meat.



Then retailers can price their meats attractively . . . and induce new and regular customers to buy more meat at the lower prices. Thus price constantly moves to balance supply and demand—and meat does not "back up" to glut markets, but is bought and consumed.

Consumers have had more total beef, lamb and veal to eat this year than in 1952 . . . about 14 lbs. more per person. They have also benefited as a result of the decline in cattle, lamb, and calf prices. For instance, the latest government figures available at press time show that the average September retail price of round-steak in Chicago stores was down 20% from a year ago . . . rib roasts—down 21% . . . hamburger—down 32% . . . and chuck roasts—down 29%.

Government average monthly figures also show that wholesale meat prices and livestock prices have moved up and down together.

Tom Blay

Agricultural Research Department

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worse than he had ever had at Wichita Falls with malaria. He was cold inwardly no matter how close he was to the fire. Bob had not felt such cold before in his life. He went to bed; piled on blankets but still he was cold. All afternoon he shook with chills. Then he had pains under his shoulder blades. He slept and was hazy. Then a new day had come as the sun was shining in the east window.

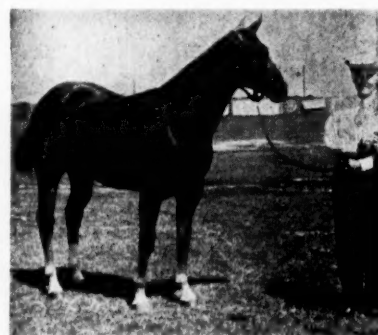
That day passed, he did not know how. He realized that he was a very sick man and that no one would be there for a week. He had put on a kettle of beef the first evening to make broth. If he ever ate any he didn't know it.

The second day came by the sun coming in the east window again. He was hazy; he must take some medicine. There was no medicine in the camp but a quart of turpentine used for man and beast. He had a dim remembrance of his mother mixing turpentine and lard and putting it on sore throats. He thought he took a teaspoon of turpentine then he realized that that wouldn't do.

The next day, the second or third day from the dance, a fear of death came to him. It was a matter of life or death with the chances against him. What a fool a man could be about shall things. He could only breathe in short gasps and with pain.

If God let him live, he would never get into a situation like this again. A situation totally unnecessary since he had ridden fifty miles in the winter merely to dance. It was not wrong to dance, but it was wrong to go to such an extreme in order to dance. He would never stop any one else from dancing, and he would continue to call for the XIT dances. Since the boys were not allowed to play cards on the ranch, dancing was their only form of recreation. He resolved never to dance again, and he never broke that resolution.

The next day he was better. The pain had stopped and he could breathe easier. As soon as he was able, he went out to see about Monkeyface, who had had plenty of hay and grain before him all the time. Monkeyface had saved his life by bringing him, in frozen clothing, from the river with a frozen saddle blanket. From that time on where Bob went, Monkeyface went. The Matador ranch bought Alamocitos in 1902, and Bob went to Rita Blanca as foreman, Monkeyface was still his top horse.



Heap-Big-Chief, owned by Thomas M. O'Connor, Jr., and shown by Mrs. Dana Stoner, Uvalde, was named grand champion gelding of the Refugio County Fair Quarter Horse show held recently in Refugio.

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Salt on the Range

(Continued from Page 28)

earliest days. When the Cherokees acquired this land by treaty in 1834, they evaporated salt by the handful from a marsh above the salt dome. The opening of the land for settlement in 1845 led to the production of salt by white settlers.

In December of that year, John Jordan and A. T. McGee became partners in salt-making. They boiled the brine in iron kettles, and the place became known as Jordan's Saline. In 1859, S. Q. Richardson dug shallow wells and installed a pump operated by oxen and a treadmill. A pipe of hollowed gum logs carried the brine from the pump to the kettles.

A few years later the Confederate Government took over operation of the salt works. When the Texas and Pacific Railroad built through in 1872, the name of the town was changed to Grand Saline. In 1875 the first well was drilled into the salt dome, 230 feet below the surface. Competition, with steam pipelines, appeared in 1891; and soon a number of companies were at work.

B. W. Carrington bought three of the companies in 1894 and operated two of them—the Fielder and the Lone Star. He improved the Lone Star plant by installing three vacuum pans in 1914 and by adding a second battery of them four years later. In 1920 the Morton Salt Company acquired this plant and operated it until 1948, when it was damaged by fire.

In 1929, while continuing to make salt from brine taken from wells, the Morton company began steps to open a mine by sinking a circular concrete shaft with an inside diameter of about 14 feet. This shaft went through layers of sand, clay, and shale for about 190 feet. Then it penetrated limestone containing salt water and finally a layer of anhydrite honeycombed with brine-filled cavities before reaching the salt dome.

The sinking of this shaft, on the southern outskirts of Grand Saline, took sixteen months. Operation of the mine began January 28, 1931. Today the mine is so big that the miners ride jeeps from the bottom of the shaft to the places where they are to work. The big shuttle cars that haul the blasted rock salt to the crusher are powered by storage batteries. After being hoisted to the surface and conveyed into the plant, the rock salt undergoes further crushing and processing. Some of it is loaded into freight cars in bulk. The remainder is either pressed into molds for livestock or packaged for other uses.

Today's modern plant, of which George R. Pyle is manager, uses the mine as its main source, though most of the table salt still comes from brine taken from the wells. Pipelines carry the brine from the wells to giant boilers fueled with gas. The crushed rock salt, besides being marketed for inclusion in livestock diets, is sold for use in freezing ice cream, in curing meat, and in making margarine, butter, and cheese.

All of the fifty-pound blocks for livestock use are molded from the fine grades of rock salt. They are of four types, distinguished by their colors. They are the plain salt, the iodized, the sulphurized, and that which has calcium phosphate added. Their output gives assurance that Texas cattle won't have to wear themselves thin in hunting for salt licks.

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Reindeer In Finland

(Continued from Page 29)

and on the plains of Arctic America. It grows most luxuriantly in Lapland and sometimes reaches a foot in height. In the wintertime, reindeer are able to feed on the lichen by scratching it up from under the snow with their feet and by the aid of their antlers. The existence of the reindeer depends on this important plant. In several countries including the Soviet Union much effort is reportedly put forth to promote its growth.

During the autumn, reindeer frequently move to the seacoast to escape the mosquitoes and gadflies, and to feed on the marine algae that have been cast upon the shore by tidal waves. Laplanders, with their entire households, accompany the herds on their annual migration.

According to 1939 data, there were almost 240,000 reindeer, belonging to 16,000 owners (including family members who frequently have their own reindeer). Among these were about 2,400 genuine Laplanders who depend primarily on the raising of reindeer for their livelihood and have continued to pursue their nomadic way of life.

For these Laplanders the annual slaughtering season is comparable to harvest-time on the ordinary farm. It is estimated that some 10 reindeer must be slaughtered each year to provide the nomadic Laplander with the necessary subsistence. On this basis a family of five need about 50 reindeer. In normal years there are enough to meet this need. In bad years, for instance when food supplies for wolves and other wild animals become scarce, reindeer herds may sustain losses in excess of the normal increase. Reindeer husbandry, therefore, is not only picturesque and rugged, but also a somewhat uncertain enterprise at times.

The capital invested in reindeer in 1939 in terms of present prices and currency totaled about \$5,200,000 and the total annual output was valued at \$1,060,000 including \$736,000 of exported products.

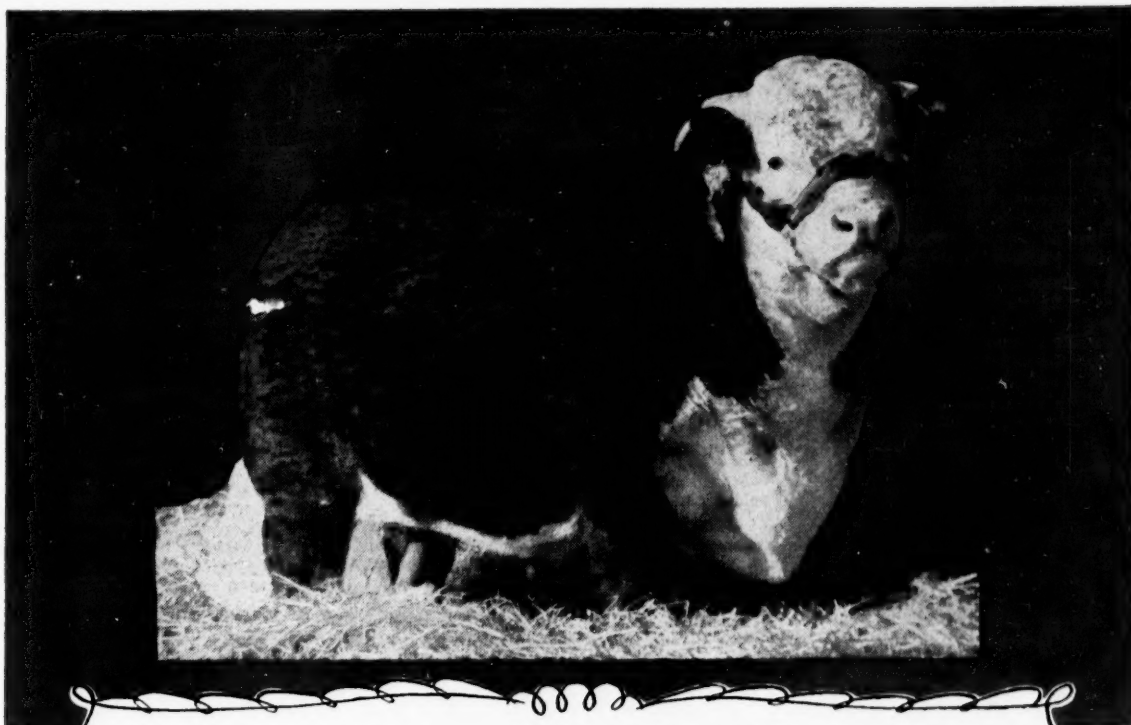
During the war years 1940-45 the industry experienced a severe setback. Under orders from the Ministry of Supplies some 180,000 reindeer were slaughtered to provide meat for the front-line troops. The quantity of meat expropriated in this manner reached about 26,000,000 pounds. Because of the critical period, it was fortunate, however, that animals in such numbers were available in these remote areas for military use.

At the end of the war there were only about 74,000 reindeer, but by the end of 1951 the number, as previously mentioned, had increased to 138,000. The productive capital value of the industry was about \$2,830,000 last year and the annual output represented about \$563,000. If the next two or three years are favorable to reindeer raising, it is believed numbers will reach 200,000 by 1955.

Protection of the Industry

Notwithstanding the fact that Finland is a free country and permits private enterprises to grow and prosper within its borders, it has set up rather rigid controls over the reindeer industry in the Lapland and Oulu Provinces of the north. Finland took this action because it wished to preserve an industry that thrives in its northland. First steps were taken as early as 1926 when the Finnish Reindeer

All Progressive Ranchmen Read The Cattleman.



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MH LARRY DOMINO V, pictured above, is an outstanding example. He has been winning championships since 1951, and his owners, Eugene E. Boyd & Son, say of him: "Calf Manna gave him the start that made him a champion as a calf, it carried him on to be a champion as a yearling."

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Breeders' Association (Suomen Poronjalostusyhdistys) was established to protect, perpetuate, and promote reindeer raising. In 1932 a law governing the industry was enacted but was replaced by a more up-to-date law in 1948. Prior to the enactment of the new law the Agricultural Committee of the Finnish Diet thoroughly investigated the reindeer industry, members of the committee visited Lapland to learn about the peculiarities of the industry and to talk with both farmers and reindeer owners.

The 1948 act gives the reindeer industry a priority over agriculture in certain areas and in certain respects. Reindeer are free to graze on grass, leaves, and lichen anywhere within the designated reindeer industry area irrespective of the wishes of the landowner or tenant. But he may be reimbursed by the reindeer owners' local organization (Paliskunta) for any injury to his young forests, cultivated fields, and meadows or to his stacked hay, lichen, and leafy twigs. The organization may join with a landowner or tenant in building such protective devices for his property as fences or sheds. But if the landowner, or the tenant, refuses to cooperate, the Paliskunta need not pay him for injury to his property. A board of arbitration determines the damages and the share of building costs payable by the Paliskunta and by the landowner or tenant. If the claimant is dissatisfied with the decision, he can appeal to the local court of law. The general policy of the Reindeer Owners Union (Paliskuntain Yhdistys) the central organization that administers the Reindeer Act, has been to recommend to the locals

the conclusion of amicable agreements with landowners and tenants concerning the prevention and eventual settlement of damages.

Another basic section of the law provides that specified state-owned land in northwestern and northeastern Lapland may be designated as a kind of game reserve in the sense that prospective farmers before acquiring land in these areas must waive their right to compensation for property damage caused by reindeer. Individual farms that are likely to impede the raising of reindeer cannot be established in some of the northernmost areas of Lapland.

The law more or less regulates the local organization in addition to establishing the basic pattern for its operation. It provides for employment of certain personnel and regulation of grazing, as well as payment of damages, joint building, and the arbitration board, which not only determines damages, but also recommends protective measures and decides controversial issues.

The law provides for the application of a ceiling on reindeer numbers to insure adequate local grazing and feed supplies. Foreigners are not permitted to bring their reindeer into Finland for grazing or transit. Absentee ownership of reindeer is forbidden and each owner must be a member of the local Paliskunta.

Organization of the Industry

As a result of the protection and promotion given the reindeer industry in northern Finland, it has become highly organized in the past 10 years. The area is divided among 65 Paliskuntas, which are responsible for practices that protect

herds, promote improvement of animals, hold down the amount of damage done by animals, and generally encourage the industry. Each Paliskunta employs a foreman (usually a large reindeer owner) and hires several herders. The expenses of the organization are met by collecting dues from each member on the basis of the number of animals he owns.

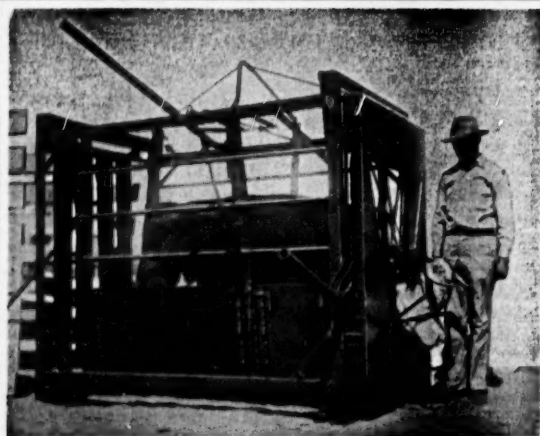
Each fall or early winter the reindeer are assembled, counted, marked, and, if necessary, separated into individual herds according to ownership. At this time, the foreman of each local makes up lists to serve as a basis for determining the voting rights and taxes of the owners. It is during this period that the herders must tend the animals. At this time, too, locals sometimes arrange for the winter grazing.

Owners residing within the boundaries of a Paliskunta and possessing at least one reindeer are considered to be shareholders of the organization. An owner cannot be a shareholder in more than one local. Reindeer may be moved from one Paliskunta to another but only to be used for pack, draft, or slaughter animals. Those for pack or draft purposes are subject to a small tax.

The maximum number of reindeer that a local organization is permitted to maintain, as well as the maximum number each owner may possess, is determined in advance for a period of 10 years by the Finnish Cabinet. The determination is based on a proposal of the Reindeer Owners' Union. If grazing becomes scarce or inadequate within the boundaries of a local organization, or if other hazards appear to threaten the continuance of



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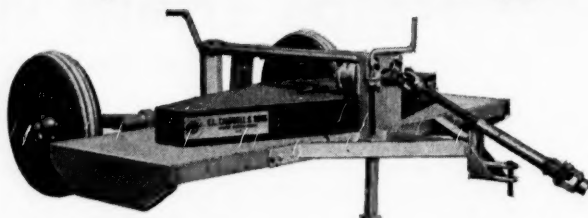
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normal reindeer husbandry, the Provincial Government of Lapland may propose to the Cabinet temporary restrictions with regard to the industry in the area.

Each Paliskunta holds meetings at least twice a year at which every owner has as many votes as he has animals but cannot cast more than one-twentieth of the votes of his local.

The Reindeer Owners' Union is the connecting link between the local Paliskunta organizations; its duties are principally to implement the law, improve reindeer husbandry, promote research, and carry on experimentation and breeding of reindeer. In addition, there are such administrative duties as approving marks for the marking of animals of individual owners, registering these markings, issuing instructions, publishing a magazine known as Poromies (The Reindeer Breeder), advertising of reindeer products, etc.

Commercial Aspects

The Reindeer and Wild Game Company Incorporated (Poro ja Riista OY), a commercial organization established by the Reindeer Owners' Union, is responsible for the marketing and refining of reindeer products and for related functions. The seven local centers of the cooperative slaughterhouse, Karjapohja, act as purchasing offices of reindeer products. Several more slaughterhouses, which have freezing and canning plants, were or are being completed this year.

Before the war Finland exported about 2,000,000 to 3,000,000 pounds of reindeer meat and 40,000 hides a year. The meat was sent largely to Norway, Sweden, and Germany, with small quantities going to Denmark. Most of the meat was exported in cuts rather than as carcasses. The export price averaged about 21 to 27 cents per pound, at present currency rates. The hides were exported mainly to Germany and sold for about \$3.00 apiece.

Generally, slaughtering of reindeer may occur in four to six different locations within a Paliskunta, for the animals may be located as much as 250 miles from a central slaughterhouse. It is impossible to haul or drive them that distance, since the slaughtering usually takes place during December, January, and February when there is so much snow on the ground that many of these areas are inaccessible by truck.

Prior to slaughtering, according to the Finnish law, reindeer must be inspected by an authorized veterinarian.

After slaughtering, the animals are skinned, the internal organs are removed, and the carcasses are hung for six to 12 hours. They are then taken to the central plants in Rovaniemi, Tornio, and Oulu for further processing and freezing. Reindeer used in the preparation of cured boneless meat for export have to be slaughtered under the supervision of an authorized veterinarian in one central location, and curing and processing must conform to the requirements of the importing country.

More and more Laplanders have been raising reindeer for meat in the past decade or two. In recent years, about 20,000 reindeer, with an average weight of about 100 pounds, have been slaughtered annually, and nearly one-half of the almost 2,000,000 pounds of meat produced has been available for export.

During the days immediately following the termination of slaughter, the meat is salted, frozen in snow or ice, or cured in

Another rancher finds The MOST ECONOMICAL WAY to Feed Range Animals

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BASIC FORMULAS GRASS METABOLIZER

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Wheat Germ Oil Activity identical with
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Estrogenic, Androgenic and Gonadotropic Activity
in Germ Oil Endocrinology 49:289 (1951).

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ARACIDIC
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Basic Formulas Laboratories, Inc.
San Antonio, Texas

Dear Dr. Johnston:

I thought you would be interested in the results we obtained in feeding your GRASS METABOLIZER with cottonseed meal and salt, (400# Grass Metabolizer, 400# salt, 100# cottonseed meal mixed and fed free choice). We have used this mixture during the summer and fall months with wonderful results. We have found that our cattle eat the mixture in direct proportion to their dietary needs. When the grass is lush and green they find practically all of the minerals, vitamins and proteins they need on the range, but when the grass is affected by dry weather and begins to dry up and burn, the animals use more of your supplement.

Our results have been so satisfactory and the cost so much less than other feeding programs that we plan to winter our herd on your supplement.

We like the free choice method of feeding because it requires less labor and permits each individual animal to have its full requirements at its leisure.

Please feel free to use me as reference for those who may want to check with someone who has used your supplement.

Sincerely,

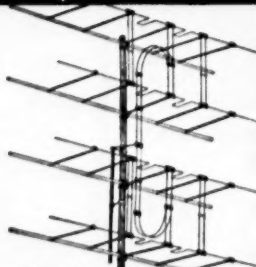
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the smoke of the huts (the homes), and loaded into special sleds and stored for future use and transportation from place to place with the nomadic family. The meat and hides that the family does not need are sold through its sales organization. Steak, cured meat, and tongue are the special delicacies sold in Finnish and foreign markets.

Some International Aspects

The practice of permitting reindeer to graze over wide areas and frequently to migrate great distances in search of food has created an international problem in the northland—a problem that is well on the way to being solved, however. A compensatory treaty between Finland and Norway has been formalized, and these countries are building border fences. The fence between Finland and Norway has not been completed and as a consequence some of the Norwegian and Finnish reindeer still intermingle, particularly in the fall of the year. Under the compensatory treaty, there exists an arrangement whereby the animals can be returned within a specified time or a settlement can be made once a year on the basis of marked animals that have migrated to and remained in the country.

Recent estimates indicate that thousands of Finnish reindeer cross the border into Norway each year. Some 7,000 are reported to have migrated to Norway in 1951, compared with about 4,000 in 1950. Preliminary information places the number for this year at 3,000. The fence that is being erected between the two countries is expected to stop this migration. Migration between Sweden and Finland is practically nonexistent because of the river boundary separating the two countries.

Finland has built a reindeer fence about 5½ feet high for a distance of about 390 miles along the Finnish-Soviet border to prevent the reindeer from wandering into the Soviet area.

Industry an Economic Necessity

During the past 10 years, Lapland's population has increased by about 25 per cent. And in these years, Lapland has been without some of its most important industries, for the peace treaty between Finland and the Soviet Union deprived Lapland of such resources as the Petsamo nickel mines, the Liinahamari deep-water port on the Arctic Sea and the possibility of developing international tourist trade along the famous Petsamo highway.

Against this background of rising population and lost occupational opportunities, the importance of the reindeer industry is heightened, both as a full-time occupation in arctic areas and as a supplementary industry to agriculture in those parts of Lapland where limited farming is possible.

With the safeguards put around the reindeer industry and the support given by the government, it appears that the reindeer will play a prominent part in the life of the Laplander for many years to come. It will continue to provide him with food, clothing, and a salable commodity, and it may well be that the Laplander, like St. Nicholas, will always travel in a reindeer-drawn sled.

Two out of every five workers—or 25,000,000 of the total labor force of 61,000,000 persons in the U. S.—are engaged in supplying consumers with food and fiber.

Offering 63 Head of Registered Herefords

IN THE 1954 ELEVENTH ANNUAL

Mid-Texas Hereford Show and Sale STEPHENVILLE, TEXAS

Friday, January 8, 1954



C. M. Largent, Abilene,
Texas, will judge the cattle

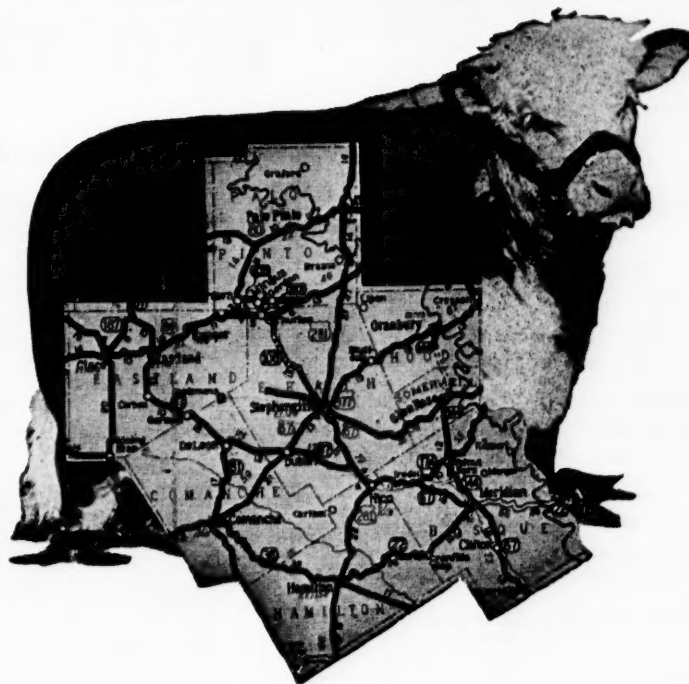
Judging at 10:00 A.M. and
Sale Starts at 1 P.M.

Col. Walter Britten
Auctioneer

George Kleier
for THE CATTLEMAN

Show and sale will be held
in the well-heated Stephen-
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Sandwich Lunch will be
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the Erath County Home
Demonstration Council.



45 BULLS

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26 HEIFERS

(Top Ones)

Bred and Open

These excellent individuals
were selected by a sifting
committee from the herds
of the following consignor-
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Lee Campbell	Dublin	E. A. Koonsman	Iredell	Hasten Walker	Dublin
R. G. Collingsworth	Dublin	Circle M Hereford Ranch	Meridian	John Watts & Son	Energy
G. M. Cook, Jr.	Stephenville	Heston McBride	Blanket	T. J. Williams	Comanche
L. A. Cook	Goldthwaite	Justin McBride	Blanket	Weldon Williams & Sons	Stephenville
Cureton Bros.	Meridian	Chas. Neblett, Jr.	Stephenville	F. B. Shannon	Stephenville
		Parks Hereford Ranch	Clifton		

For catalog or additional information, write R. C. Atkins, Sec'y, Mid-Texas Hereford Ass'n,
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Attend the Howard-South Plains Hereford Ass'n Sale, Big Spring, Texas, Jan. 7—Our
sale on Jan. 8 and Concho Hereford Ass'n, San Angelo, Texas, Jan. 9.

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"The Zato Heirs"

110 HEAD SELLING

Featuring

- ★ The Get and Service of ZATO HEIR L 500, first son of Zato Heir P 47, full brother of the \$35,000 TT Zato Heiress.
- ★ The Get of ZATO HEIR M 501, second son of Zato Heir P 47, half brother of TR Zato Heir.
- ★ The Get of TRIUMPHANT HEIR M 12 (pictured lower right) our third Patterson-Bred Herd Bull, by S & S True Domino and out of a top Domino Heir 21st Cow.

The Cover-Page Bulls Make Good

(Pictured, Zato Heir L 500 and Zato Heir M 501)

These first two sons of ZATO HEIR P 47 as they appeared in 1950 on the cover of the Patterson-Dispersion Sale Catalogue. They were good as calves, good as grown bulls, and you will like their calves out of our Straight Hazlett Bred Cow Herd.

50 BULLS — SELLING — 60 FEMALES

23 BRED HEIFERS

9 by Zato Heir L 500, bred to Washita Heir 4 (pictured). 14 Straight Hazlett Heifers bred to Zato Heir L 500.

7 YEARLING BULLS

5 by Zato Heir L 500
2 Straight Hazlett Bulls

16 Senior Bull Calves

18 Senior Heifer Calves
20 Junior Heifer Calves
27 Junior Bull Calves

(All 110 Head Out of
Hazlett Bred Cows)

About half of these calves are sired by Zato Heir L 500. The other half by Zato Heir M 501 and Triumphant Heir M 12.



ZATO HEIR L 500 and ZATO HEIR M 501

THIS OFFERING INCLUDES TOP COMMERCIAL BULLS

SALE
AT THE RANCH

R. J. Alexander

CHANCE TO BUY... in Texas" ... AT AUCTION

— DECEMBER 15



WASHITA HEIR 4—A typical son of "L-500" with a typical dependable pedigree. This bull is a double Zato Rupert.

ZATO HEIR L 500 6186860	Zato Heir P 47 6227633	H & D Tone Lad 105
	Lady Anxiety 87 3977174	Princess Real 25
		Beau Mischief 11
ELIZABETH 4 3871931	T. Gordon Rupert 2 3256069	Gwendoline 50
		Gordon Rupert
	Evelyn 3 2956105	T Bonny Delsora
He Sells!		Hanford Zato
		Emily 4



WASHITA HEIRESS 3—Our winning Show Heifer . . . A typical safe pedigree.

ZATO HEIR L 500 6186860	Zato Heir P 47 5227633	H & D Tone Lad 105
	Lady Anxiety 87 3977174	Princess Real 25
		Beau Mischief 11
LILAS TONE 5576001	Texas Tone 45 3758238	Gwendoline 50
	Lilas Zento 4860685	Washita Tone 26
		Lenore 6
She Sells!		Beau Zento 7
		Lilas 4

NEWS FLASH FROM KANSAS CITY!

Half-sister to Zato Heir L 500 and Zato Heir M 501 is first in class at the 1953 American Royal. This outstanding heifer by Zato Heir P 47 was shown by Milky Way Hereford Ranch.

YOUR FIRST CHANCE TO BUY OUR TOP REPLACEMENT FEMALES

For more than 30 years we have developed our Hereford-Bred Cow Herd by using top Hereford bulls and keeping our top females for replacement. However, in this, our first auction sale, nothing has been reserved. We are selling the best from 2 Calf Crops.

NOW! BUY THE BREEDING THAT HAS PRODUCED MANY CHAMPIONS . . .
Cows that we bred and later sold have produced such National Champions as T ROYAL RUPERT 50th, for Best Ranch . . . PONTOTOC TONE for Turner Ranch, and many other winners for Milky Way, Ardis Ranch, Soliman Bros. and many others.

NEWS FLASH FROM OKLAHOMA!

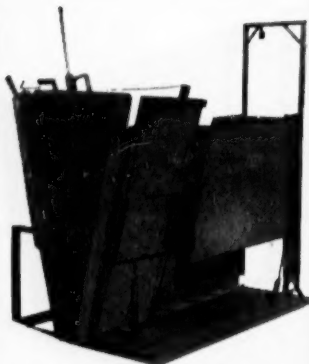
Marcus Robertson of Pocasset, Okla., reports . . . "Washita Heir now has 4 daughters, one son. They sure are mellow, nice yellow colored, straight legged, good-headed and nicely marked. Wish you could see them."

Washita Heir Is the First Son of Zato Heir L 500 . . .
They Are Breeding On!

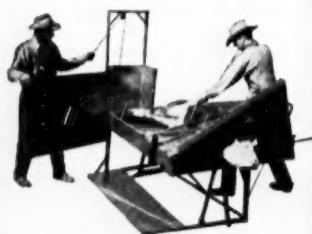


TRIUMPHANT HEIR
M 12

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City _____ State _____

Rock Phosphate In the
Southwest

(Continued from Page 25)

and salts which retard the effectiveness of even soluble phosphates.

The source of this replacement phosphorus which we are going to discuss here is natural rock phosphate, the material which occurs most abundantly in nature, and which commercially is mined most extensively in Florida, Tennessee and certain of the Far Western states. Due to lower production costs, high quality material and more favorable freight rates, it is the Florida product that is used most extensively in the Southwest.

Briefly descriptive, this Florida rock phosphate exists in its natural state in the form of small pebbles, embedded in a layer of clay, beneath the surface of the earth. These pebbles are mined, washed free of clay and foreign matter, dried and ground to a fine powder. The phosphate rock is then ready to be used for direct application to the soil, or to be treated with sulphuric acid to form superphosphate, or to undergo further refinement even to the extraction of pure elemental phosphorus.

The benefits to be derived from the use of ground phosphate rock for direct application to the soil has been demonstrated by the use of millions of tons of phosphate rock by farmers themselves under a wide range of field conditions. The resulting yields obtained with this material shows it does have a place in the fertilizer program if the basic factors referred to earlier are considered.

In Progress Report No. 1587, the Rice-Pasture Experiment Station, Beaumont, Texas, reports results of three years on an experiment with a comparison of three sources of phosphorus. The experiment was started in the fall of 1949 on Lake Charles clay loam soil near Beaumont, Texas. The soil had a pH of 6.5 and was low in available phosphorus. It has been necessary to apply phosphate fertilizers to them for the production of rice and improved pastures; this is especially true for improved pastures containing clovers or other legumes, according to the report.

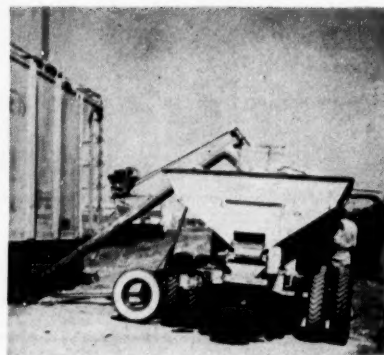
One application of rock phosphate (33%) 1,000 lbs. per acre, 20% superphosphate 600 lbs. per acre, and basic slag (12% available P205) 1,000 lbs. per acre were compared with 150 lbs. per acre of 20% superphosphate per acre applied annually. These fertilizer materials were disced into the soil in the fall of 1949 and the land seeded to a typical pasture mixture of Dallis grass, Louisiana White Clover, Persian Clover and Hop Clover.

Yields of forage and the protein content were obtained in 1950, 1951 and 1952, and the three-year results are as follows:

	Dry Forage, pounds per acre (15% Moisture)				Protein, pounds per acre			
	1950	1951	1952	Total	1950	1951	1952	Total
No phosphate	2350	1560	1440	5350	180	106	77	363
Rock phos. 1000 lbs. A.	5090	4160	4890	14140	619	498	460	1577
Basic slag, 1000 lbs. A.	5710	3310	2520	11540	698	373	167	1238
20% superphos. 600 lbs. A.	5840	3510	2730	12080	715	395	188	1298
20% super, 150 lbs. annual	4820	3710	5650	14180	583	431	514	1528

Total production for the three years was increased from 5,350 pounds per acre for no fertilizer to 14,140 for rock phosphate, 11,540 for basic slag and 12,080 pounds for superphosphate. The annual application of 150 pounds of superphosphate produced a total of 14,180 pounds of forage.

Total pounds of protein produced per acre for the three years was 363 for no



Large applications of rock phosphate lend themselves to bulk handling by spreader trucks. Here, a simple and inexpensive grain auger is doing the work of several men if the material were handled in bags. Spreader trucks are available all over the Southwest for fast, economical delivery.

phosphate fertilizer, 1,577 for rock phosphate, 1,238 for basic slag, 1,298 for superphosphate (600 pounds in 1949) and 1,528 for superphosphate (150 pounds annually). The maximum protein production over the three-year period was obtained from the application of either 1,000 pounds of rock phosphate in 1949 or 150 pounds of 20% superphosphate annually for the three years.

In considering the above, a third basic factor in the selection of a source of phosphorus becomes evident, and that is cost. Each year the initial application of rock phosphate remains effective lowers the over-all cost, while annual applications go up in cost proportionately.

One of the Southwest's most enthusiastic boosters for rock phosphate, Dr. Horace J. Harper of Oklahoma A. & M. College, reports increases in alfalfa production from 850 pounds per acre without phosphate to 3,350 pounds by the addition of 500 pounds per acre of rock phosphate once in each rotation since 1931. According to information published at the Annual Agronomy Field Day, Stillwater, Oklahoma, on September 3, 1952, alfalfa production made from the use of rock phosphate alone and in combinations with other materials, exceeded that from any other material or mixed fertilizer.

In Arkansas, after thirty years research, the Experiment Station has this to say about rock phosphate:

"Use of superphosphate has consistently expanded ever since 1842, when J. B. Lawes patented the process for manufacturing it. There is no reason for ex-

pecting any change in this trend. However, in the light of the tremendous acreage of phosphate-deficient soils in this state and nation, the question arises whether there may not also be an economically justifiable place for rock phosphate in our fertility programs.

"There are many factors that need to be considered in the use of rock phosphate as a means of alleviating some of

Attention, Commercial Ranchers!
Hereford Heaven Association

HEREFORD HEAVEN SALE
OF
RANGE BULLS

SATURDAY, DECEMBER 12
ARDMORE, OKLAHOMA

Sale will be held at the Southern Oklahoma Sale Pavilion, one mile south of Ardmore on Hwy. U. S. 77.

Sale starts promptly at 12 noon.

SELLING 175 BULLS

Majority ready for heavy service, balance ready for light service

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Theo Cash	Ada	Lazy K Ranch	Marietta
Calvert Ranch	Mill Creek	Lazy S Ranch	Springer
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for a
Perfect Western Christmas
give


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For a true son or daughter of the West, you can't choose a finer gift than a pair of genuine Hyer Boots! Finest leathers, skilled craftsmanship, latest western styles, and special Hyer boot lasts assuring extra comfort in every pair, have made Hyer Boots the pride of the West for 78 years!

You can give this distinctive gift with no problems as to size or style. Just use Hyer's Special Christmas Gift Package . . . an attractive gift box, miniature Hyer Boot, and Hyer Gift Certificate. Give it now and let the lucky man or woman select their own style later. See this *really wanted* Hyer Gift Package at your dealer's, or write:

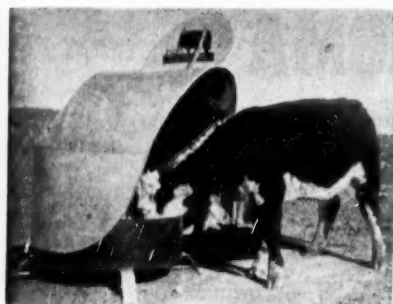
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Capacity 200 Lbs. (Salt)

Also available in large salt-meal feeding size 300 lb. capacity (200 lb. cottonseed meal, 100 lb. salt) priced at \$54.50 each, F. O. B. Ralls, Texas.

Cash with order,
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We are building a top herd of registered Herefords through the use of the following famous bloodlines:

ZATO HEIR, WHR PROUD MIXER 21st, BACA DUKE
and granddaughters of **LARRY DOMINO 50th**

We have nothing for sale at the present time, but we cordially invite you to come by the ranch and inspect our breeding herd.

HERRIN HEREFORD RANCH

RANCH LOCATED AT WEIMAR, TEXAS

Owner, R. T. HERRIN, President Herrin Transportation Company, Houston, Texas
J. D. WOMACK, Herdsman, Weimar, Texas

the fertility problems of the state. These studies indicate that where soils are low in total and available phosphorus, rock phosphate on a long-time basis may be almost as effective as superphosphate. The fact that superphosphate failed to increase the total and available levels as much as did rock phosphate indicates the possibility of using rock phosphate to build up badly depleted phosphate reserves in the soils of Arkansas. The use of rock phosphate in combination with superphosphate could, therefore, solve two major problems: (1) that of increasing the total reserves of phosphorus in the soil and thus decreasing the relative amount of phosphorus fixation; and (2) the maintenance of sufficient readily available phosphorus for rapidly growing crops."

In Texas, the use of rock phosphate during the last four or five years has grown by leaps and bounds. At Ganado, Texas, on the lower Gulf Coast, Marcus Mauritz, prominent rice grower and cattleman, was one of the pioneer users of rock phosphate. He not only applies it to pastures, but also to rice, cotton and all other crops he grows. He reports outstanding benefits on all crops, and on range areas too rough for ordinary ground equipment, he applies the phosphate by airplane at rates of 1,000 pounds per acre and more.

Cotton farmers in the Gulf Coast area are increasing yields regularly by the use of legume cover crops, and under these legumes they are using rock phosphate by the thousands of tons. Over at Wharton, Maner Stafford reports outstanding results with rock even on the fabulously rich "Caney Creek" bottom soils, as does Tom Hunt on his alfalfa farm in the Brazos bottom near Simon. The J. D. Hudgins Estate at Hungerford regularly use rock phosphate on their pastures, and so does Jack Garrett over at Danbury, in Brazoria County, and the list is interminable of farmers and ranchers from the Rio Grande clear on up into Kansas that have turned to rock as the low-cost way of building up phosphorus levels of the soil and a more permanent soil fertility.

Many growers have found that phosphate rock has a definite place in a sound and economical fertilizer program for rice-pasture rotations, replacing a large part of the more expensive soluble phosphates in mixed fertilizers. It is worth any farmer's while to see for himself the effect in terms of increased tonnage of rice and pasture yields obtained by applying rock phosphate. The only sound way of finding out whether rock phosphate will do the job under local conditions is to actually try it in the field, and compare results in terms of dollars returned for dollars invested.

Natural rock phosphate contains total phosphoric acid ranging usually from 28% to 33%. It is sold on a guaranteed grade basis and the consumer knows exactly what he is buying. He has only to compare per-unit costs to decide which grade is the most economical for him to buy.

One popular misconception about rock phosphate is its "availability" as compared to other sources of phosphorus. One even hears sometimes that "it won't do any good the first year." Just look again at the figures from the Beaumont Station. Forage increased from 2,350 pounds to 5,090 pounds; protein increased from 180 pounds to 619 pounds. Figure

*Bulletin 528, Comparative Evaluation Studies on Rock and Superphosphate, Agricultural Experiment Station, University of Arkansas College of Agriculture, Fayetteville, Arkansas.



We are consigning to the
**HEREFORD HEAVEN
 RANGE BULL
 SALE**
DEC. 12 • ARDMORE, OKLA.
28 BULLS

All are ready for service and carry the breeding that produces those profitable, easy-fleshing Herefords . . . the same breeding that has enabled us to top the Hereford Heaven FEEDER CALF Sale year after year . . . breeding that gets the job done on the range and in the feed lot.

IT PAYS TO BUY TR BREEDING

★ **TR ZATO HEIR**

Picture taken in pasture at 6 years of age.

*You can buy sons and grandsons
 of this Register-of-Merit sire
 December 12 at Ardmore.*

**GET
 YOUR
 HERD**
a place in the **SUN**
with a son of TR Zato Heir

Register of Merit's distinguished sire

NATURAL
fleshing Quality
HEREFORDS

**"TURN TO
 TURNERS"**



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TURNER RANCH - SULPHUR, OKLAHOMA

Roy J. Turner • Jim McClelland • Roland Jack • Tom Harris, Show Cattle



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WRANGLERS' rugged 11-oz. coarse-weave denim gives long hard wear. Styled for fit and comfort. Sizes for the whole family. Compare quality, compare prices and you'll switch to Wranglers. Jeans for men, \$3.69; youths, \$3.49; boys, \$2.79. Men's jackets, \$4.29; shirts, \$4.29. Misses' jeans (8 oz.), \$2.98; girls', \$2.79. **Blue Bell, Inc.**, Greensboro, N. C., World's Largest Producer of Work Clothes.



these increases out in terms of the price of hay and protein supplements and there you have it.

Since rock is relatively low in water solubility, it does not readily leach out of the soil, and for that reason remains in the soil until it is actually used up by the growing plants. This makes for larger and less frequent applications, reducing over-all labor costs. In the Southwest, usual applications are from 500 to 1,000 pounds per acre, once in every 4 to 8 years. These heavy applications make practical the use of spreader trucks and the handling of bulk material, further reducing costs. In almost every area of the Southwest contractors with spreader trucks are ready to deliver a turn-key job to the farmer at less cost than the farmer could handle his own material.

Now one last word about rock phosphate to those who are unfamiliar with this basic plant-food material: like superphosphate, it is of course *not* a cure-all, and it does *not* take the place of lime, nor potash, nor any other plant food that might be lacking in the soil. It definitely is a cheap source of phosphorus, and where the lack of this element is a limiting factor, under most conditions, the use of rock phosphate will reflect itself profitably in more forage of better quality for the cattleman and increased yields for the farmer.

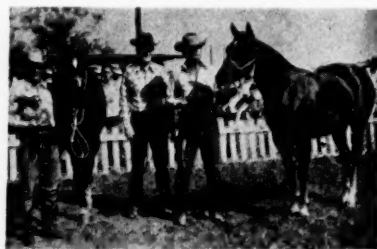
Blue Grass Hereford Show

THE Blue Grass Hereford Show, held at Lexington, Ky., was the first Register of Merit show held in the Southeast and attracted breeders from 17 states extending as far west as California, and Georgia to the east. Judge Herman Purdy of Ohio State University praised the quality of the cattle entered in the show highly.

Portage Farms, Woodville, Ohio, showed the champion bull, Portage Mixer 23rd, a senior yearling sired by Portage Plus Mixer. The reserve champion was MC Baca Duke 52nd, a son of Noe's Baca Duke 89th, shown by Mountain Cove Farms, Kensington, Ga.

Hillcrest Farms, Chester, W. Va., showed the champion female, HC Lady Larry 96th, by HC Larry Domino 12th. ECF Baca Duchess, shown by Edg-Clif Farms, Potosi, Mo., was reserve champion.

The get of HC Larry Domino 12th, shown by Hillcrest Farms, topped the get of sire class. Roy R. Largent & Son, Merkel, Texas, showed the junior get of sire on get of U Royal Mixer 24th.



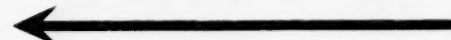
Speckles (left), owned by Mrs. Gladys Menking of Hallettsville, was named grand champion stallion of the Live Oak County Fair Quarter Horse show, and Zanty O'Brien (right), owned by John M. O'Brien of Beeville, was named reserve champion. Claude Mullins of Hallettsville, who judged the show, is in the center.

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Selling
75 HEAD

Featuring
The Get and Service of
TR ZATO HEIR 27th



We have selected the tops from our herd for our next annual sale, and we are sure you will agree that they are an even better group than our last year's sale offering. The offering will include 30 bulls, the majority will be sons of the "27th," and includes a group of top prospects. The 45 females will include several daughters of the "27th" and many top females bred to him will sell. Make your plans now to be with us Monday, February 8.

BUY HIS GET AND SERVICE IN OUR Second Annual Sale Monday, February 8

SATISFIED CUSTOMERS

The buyers of sons and daughters and females bred to TR Zato Heir 27th in our last year's sale have been more than complimentary in expressing their complete satisfaction with their purchases. We invite you to see the results they are getting, and then come by our place and look over the offering we will have Monday, February 8.

McNATT HEREFORDS

J. P. McNatt
Owner

GREENVILLE, TEXAS

R. M. Hall
Mgr.



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MHM Hereford Farms Sale

SUMMARY

8 Bulls	\$ 9,250; avg.	\$1,158
50 Females	25,415; avg.	512
58 Head	34,665; avg.	601

THE second annual sale by MHM Hereford Farms was held at the farm north of Pulaski, Tenn., October 29. It featured the breeding and service of Baca R Domino 33rd, Register of Merit sire, two of his sons, MHM Baca Domino 119th and MHM Baca Domino 33rd, and Baca Royal Domino 3rd, CLF Larry Domino 57th, J. 35th, and WOC&S 181st.

Four bulls sold at four figures, with a top of \$2,060, paid by Render & Taylor, Beaver Dam, Ky., for MHM Baca Duke 6th, a son of the "119th." Another son of the "119th," H Baca Duke 209th, sold to J. H. Johnston, Wynne, Ark., for \$1,875 and Johnston also paid \$1,275 for MHM Baca R Domino 6th, a son of the "33rd." R. V. Bruce, Williamsburg, Ky., paid \$1,100 for MHM R Domino 16th by the "33rd."

The extreme top of the sale was scored in the female division when MHM Baca R Duchess 4th, a daughter of the "33rd," sold to Maryland Farms, Brentwood, Tenn., for \$3,000. M. A. Smith, Butler, Pa., paid \$2,000 for MHM Baca R Duchess 3rd, also by the "33rd." Baca Starlet 49th, by Baca Prince Domino 20th, sold to Gobble Bros., Lawrenceburg, Tenn., for \$1,875, and A. H. Karpe, Bakersfield, Calif., paid \$1,010 for MHM Baca Duchess 5th, a daughter of the "119th."

A. W. "Ham" Hamilton, G. H. Shaw and Charles Zarring were the auctioneers.

Stan-De Ranch Second Annual Hereford Sale

SUMMARY

59 Bulls	\$23,205; avg.	\$394
35 Females	11,315; avg.	323
94 Head	54,620; avg.	367

THE second annual sale of Herefords held by the Stan-De Ranch at Watoa, Okla., November 6 featured the breeding and service of WHR Symbol 4th, HCR Heirsman 3rd, H Flashy Triumph, H Proud Mixer and Stan-De Cascade.

Topping the sale at \$1,275, was H Proud Mixer 25th, a son of H Proud Mixer. He sold to A. S. Crutcher, Houston, Texas. Crutcher also paid the second top price, \$1,200, for SD Ambassador 99th, a son of WHR Symbol 4th. Benton Wilson, Greenfield, Mo., paid \$1,100 for SD Elite Helmsman 4th, by SD Elite Helmsman, a bull from the show herd.

The females scored a top of \$650 on two occasions. Both were bought by Honey Creek Ranch, Grove, Okla. They were H Miss Larry Queen by MW Larry Domino 148th, bred to WHR Symbol 4th, and Miss SD Heirsman 1st, an open daughter of HCR Heirsman 3rd. Honey Creek Ranch also paid \$630 for Miss SD Heirsman 3rd, an open daughter of the "3rd." P. E. Price, Claremore, Okla., paid \$620 for H Miss Mixerette 37th, by H Proud Mixer and bred to HCR Heirsman 3rd.

Gene Watson and G. H. Shaw were the auctioneers.

Obtain a diagnosis when first disease symptoms are noticed—and warn neighbors so they can safeguard their livestock, too.

Read, Taste and Buy the BEST BY TEST



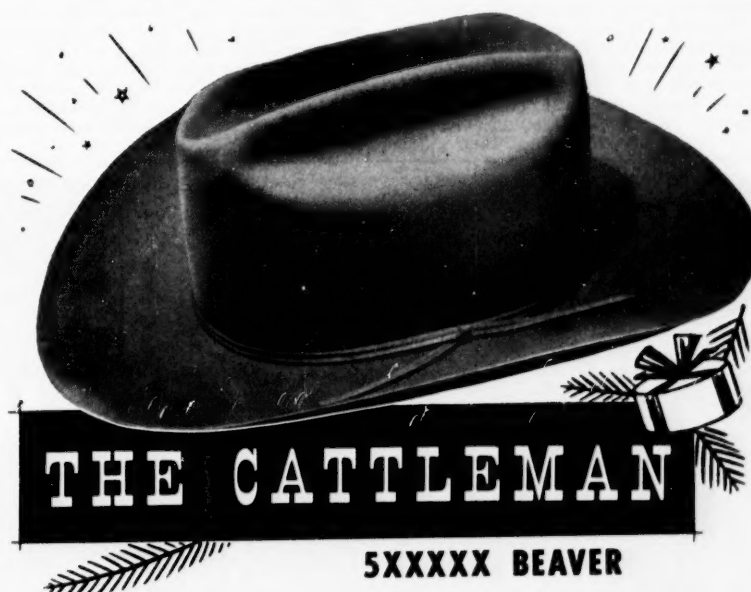
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The Cattle of Saipan

To The Editor:

As one of your subscribers I would like to invite your attention to the livestock industry here on Saipan, Marianas Islands. Please find enclosed pictures of cattle from my own herd taken at our 180 acres farm in Chalan-Quilla, Saipan. In one of these pictures you will find the writer and owner, who has taken a great interest in cattle raising and feels that his success has come as a result of information found in your monthly issue. But before that I would like to say something about our island of Saipan. The island itself is the second largest of the Marianas group, is roughly about 13 miles long and an average of four miles in width, and is administered by the U. S. Navy since January of this year. It has a population of about 5,000. My herd consists of 30 head of local cattle, and with the imported grasses since the Japanese regime, such as Napier, Johnson grass and Guinea the outlook is much brighter and a much improved herd is expected.

Before World War II, Saipan had a large number of cattle, but after the vast destruction which comes to any war stricken country, over one-half of the population was left without cattle compared to practically every family having cattle before the war. During the Japanese regime from 1914 to 1944, a number of Holstein cattle were imported for milking and were later crossed with local cattle imported during the Spanish regime in the 1880's from Mexico. Ordinarily Saipan cattle are of small size. However, the Naval Administration encourages the people to cross their cattle

Vincente de Leon Guerrero, owner of Chalan Quilla Range, Saipan, shown in foreground with some of his cattle. The pasture grasses, Napier, Morning Glory and Tangantangan, a small leaf tree, make excellent grazing for cattle.



with Brahman and Herefords, which were being imported to this island three years ago. The writer now has a Brahman crossbred bull which he is going to use as a crossbreeder.

The last census report of the Saipan cattle industry indicated an increase of approximately 30 per cent since 1948 with a complete total of 1,300 head.

It is hoped that the information contained herein will be published in one of your future issues. It is also believed your readers will be greatly interested in the picture enclosed. Your kind consideration is greatly appreciated. Saipan is the second largest to Guam, which is a U. S. A. possession.—Vincente de Leon Guerrero, Chalan Kanoa Village, Saipan, Marianas Islands.

American Royal Sets Dates For 1954 Exposition

JOHN B. GAGE, president of the American Royal Livestock Exposition, has announced that October 16-23 have been set as dates for the 1954 exposition held annually in Kansas City. Next year the show will go back to its regular eight-day schedule. This year, because of special activities in connection with President Eisenhower's visit, the show was extended two days. Gage said some consideration had been given to moving the Royal up to the middle of November, but the board of directors voted against it.

LOWERY HEREFORD RANCH

Selling

90 BIG TWO-YEAR-OLD BULLS
30 OUTSTANDING HEIFERS

LOWERY HEREFORD

December 15 Deadline for Beef Breed Entries at Fort Worth

FIVE beef breeds will take part in the breeding class competition at the oldest major livestock show in the United States, the Southwestern Exposition and Fat Stock Show in Fort Worth, January 29 through February 7. Closing date for livestock entries is December 15.

The breeds are Hereford, Polled Hereford, Aberdeen-Angus, Shorthorn and Brahman.

Grand total of premiums for the show is \$173,235—largest in the exposition's history, this figure including the horse show and rodeo. The breed associations participate in the amount of money to their respective breeds.

Hereford breeding cattle will compete for \$16,135. Of this total, \$2,335 is for bulls in the carlot-and-pen division.

Polled Hereford premiums amount to \$5,000 in the breeding classes. The Polled Herefords participate with the horned Herefords in the carlot-and-pen division.

Hereford competition consists of 25 classes and there are cash awards in some classes for the top 20 entries. Besides the classes which climax with the selection of the champion and reserve champion bulls and females, awards include: three bulls, owned by an exhibitor; two bulls, bred and owned by exhibitor; two females, bred and owned by exhibitor; get-of-sire, four animals all by one sire, both sexes to be represented, all owned by exhibitor; junior get-of-sire,

four calves, both sexes represented, all owned by exhibitor; pair of yearlings and pair of calves.

Polled Hereford breeding classes total 26, with prizes in some categories going to the high 12. Competition includes, besides the champion and reserve champion bull and female, three bulls bred and owned by exhibitor; two bulls, bred and owned by exhibitor; senior get-of-sire; junior get-of-sire; two females, bred and owned by exhibitor; pair of yearlings and pair of calves. The premier exhibitor will be chosen on the basis of first, second and third place winnings—three points for a first, two for a second, one for a third, three for a champion and two for a reserve champion.

In the Hereford carlot-and-pen division, there will be three carlot classes: 12 yearling bulls, 15 senior bull calves and 15 junior bull calves and three classes of pens of five.

Steer competition for Herefords will offer \$1,035 in the open show and \$1,240 in the junior show. If a Hereford is the grand champion steer of the entire show, the American Hereford Association will give a special award of \$500. Should the grand champion be a Polled Hereford, the owner will receive \$5,500 which is offered by the American Polled Hereford Association and the National Western Polled Hereford Association provided his is the first Polled Hereford grand champion steer at any one of four designated

shows. A special award of \$250 is offered by the American Hereford Association in the event the grand champion of the junior steer show is a Hereford. Polled Herefords compete in the Hereford division of the open and junior steer shows.

Aberdeen-Angus breeding cattle premiums amount to \$12,000, of which \$10,000 is for breeding cattle other than the carlot-and-pen bulls.

Thirty-five classes comprise the Angus breeding department competition, with some classes giving prize money to the top 15. Besides the grand and reserve championships for bulls and females, there are awards for five bulls, owned by exhibitor; three bulls, owned by exhibitor; two bulls, owned by exhibitor; get-of-sire; junior get-of-sire; pair of calves; pair of females; pair of yearlings and produce of dam.

In the carlot-and-pen division, Angus bulls will be shown in pens of five and pens of three, these being divided into three classes: yearling bulls, senior bull calves and junior bull calves.

For the open steer show, Angus premiums total \$1,035 and in the junior steer show, \$500. If the grand champion steer of the entire show is an Angus, the American Aberdeen-Angus Breeders' Association will present the owner a special award of \$250. Should an Angus be grand champion of the junior show, the association will present the owner \$100 as a special award.

Eight thousand dollars is offered for Shorthorn breeding cattle, including \$2,000 for Shorthorn bulls in the carlot-and-pen division.

There are 33 classes in the Shorthorn breeding show. Besides the competition which determines the grand champions and reserve champions, bulls and fe-

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We are using sons of these famous bulls: ZATO HEIR

HILLCREST LARRY 2, WHR PROUD MIXER, ROYAL ASTER

RANCH ★ LOCO, OKLA.

males, there are awards for two females, pair of yearlings, get-of-sire, junior get-of-sire and pair of calves.

In the carlot-and-pen division of bulls, Shorthorns will be shown in pens of five and pens of three. These are divided into yearling bulls, senior bull calves and junior bull calves.

The open steer show offers \$600 in premiums for Shorthorns and the junior steer show, \$482. If a Shorthorn is grand champion steer of the entire show, there will be a special award of \$250 from the American Shorthorn Breeders Association and if the grand champion steer of the entire show is a Shorthorn exhibited by a Texas Future Farmer or 4-H Club member, the Texas Shorthorn Breeders' Association will give the owner a special award of \$500.

Premiums in the Brahman division total \$2,000.

Twenty-six classes are included in the Brahman show, with prizes in some classes for the eight top animals. Besides the competition leading to the selection of champions and reserve champions, bulls and females, there will be awards for two bulls, bred and owned by exhibitor; two females, bred and owned by exhibitor; pair of yearlings, pair of calves, get-of-sire and produce of dam.

Two prizes in any one class are the limit for one exhibitor. A special prize of \$40 will go to the best herdsman in the Brahman department.

W. A. (Bill) King, assistant manager of the Stock Show, is livestock superintendent and Walter Rice, also of Fort Worth, is assistant livestock superintendent. George T. Halsell and Leon Turner, both of Fort Worth, are superintendent and assistant superintendent, respectively, of the Hereford department.

Ernest Duke, Fort Worth, is Polled Hereford superintendent; A. H. Caraway, DeLeon, Shorthorn superintendent; Gene Bales, Fort Worth, Angus superintendent; George R. Shepherd and Jack Bourland, both of Fort Worth, superintendent and assistant superintendent, respectively, of the carlot-and-pen division; W. L. Stangel, dean of Texas Tech, is steer show superintendent and the assistant superintendents are County Agent G. S. Blackburn, Throckmorton, Texas, and Vocational Agricultural Supervisor, Plainview.

Good Beef Cattle Show at Louisiana State Fair

FIFTY-EIGHT breeders from seven states were represented in the beef cattle show at the Louisiana State Fair held in Shreveport October 24-November 1. Quality was uniformly good. The beef cattle show included Herefords, Aberdeen-Angus, Shorthorns and Brahman.

Freeman & Graves, Pulaski, Tenn., were the major winners in the Hereford show, showing ten first prize winners including the champion bull, H Baca Larry and the champion female, Larry Annette 40th. Jim Hering, McGregor, Texas, showed the reserve champion bull, JH Larry Mixer 21st and Olvey's Hereford Ranch, Shreveport, La., showed the reserve champion female, OHR Miss R Duke 23rd.

Black Prince of 77, shown by 77 Ranch, Wichita Falls, Texas, was senior and grand champion bull in the Aberdeen-Angus division and Prince 105 HR, shown by Hays Ranch, Kerrville, Texas, was

junior and reserve grand champion. Robin Hood Farm, Bixby, Okla., showed the reserve senior champion bull, Rally Black Prince and Fooks Angus Farms, Camden, Ark., showed the reserve junior champion Fooks Prince 64th.

Fooks Angus Farms also showed the senior and grand champion female, Fooks Evergreen 3rd and 77 Ranch showed the junior and reserve grand champion, Bloomingdale Eric of C. Queen of Shadow Isle, shown by Hays Ranch, was reserve senior champion and Elba Erica BG 3rd, shown by Bluegrass Angus Farm, Lancaster, Ky., was reserve junior champion.

Texas breeders monopolized the first places in the Shorthorn show, with Scofield & Miller, Austin, showing the junior and grand champion bull, Kamar Champion Upright and the reserve junior and reserve grand champion bull, Conqueror's Sensation, C. M. Caraway & Sons, De Leon, showed the senior champion bull, Golden Oak Goldfinder 16th; the junior and grand champion female, Golden Oak Queen 3rd; the reserve junior and reserve grand champion female, Golden Oak Mina 6th; the senior champion female, Golden Oak Gloster 4th and the reserve senior champion female, Golden Oak Queen 2nd. Ray Drake, Coushatta, La., showed the reserve senior champion bull, Spicewood Block, which stood second in class to the senior champion.

J. D. Hudgins, Hungerford, Texas, showed the grand champion bull in the Brahman show, as well as the reserve champion, JDH Ike De Manso. HCK Miss V Pride Nobille 3rd, shown by Henry C. Koontz, Inez, Texas, was grand champion female and Miss America, shown by Circle D Ranch, Le Beau, La., was reserve champion.



Walter Britten, Auctioneer
Cattle Judge, Frank Jordan, Mason, Texas

For Catalogue, Write:
Leland Wallace, Route 1, Box 96
Big Spring, Texas

Attend Concho Area Hereford Sale
January 9, 1954

10th ANNUAL SALE THURSDAY, JANUARY 7, 1954 35 BULLS - 15 FEMALES

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Loy Acuff	Big Spring
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O. H. McAlister	Rhome
Tom Garrard	Tahoka
F. A. Youngblood & Son	Lamesa
R. H. Odom, Jr.	Snyder
Winston Brothers	Snyder
The Lewis Herefords	Blackwell
Arthur Elkins	Monahans
Wilson Brothers	Luther

*There is no death. The stars go down
To rise upon some other shore.
And bright in Heaven's jeweled crown
They shine forevermore.*

J. L. McCree

Clyde Davis Miller

Clyde Davis Miller, Jack County rancher, died Sept. 28 in Veterans Hospital at McKinney after several months' illness. He was a veteran of World War I, and came to his present home in the Newport community with his parents from Ben Franklin, Texas. He formerly ranched near Ft. Sumner, N. M. Survivors are his widow, Lona Wells Miller; his mother, Mrs. Z. Z. Miller; sister, Mrs. J. N. Teague, Abernathy; and seven brothers, Floyd of Olton, Z. Z., Jr., of Las Vegas, N. M., Amos of Muleshoe, Virgil of Wichita Falls, and Arnold, Aubry and Olen of Crosbyton.

Lawrence V. Medley

Lawrence Vernon Medley, pioneer rancher, 72, died in Albuquerque, N. M., Oct. 11, 1953. He was stricken with a heart attack 10 days before at his home in Magdalena. He came to New Mexico in 1887 with his father and mother, Mr. and Mrs. James W. Medley. He later owned the Hooks Ranch and after selling out lived at Belen and Grants, later returning to Magdalena where he served as justice of the peace for the last several years. He was preceded in death four years ago by his wife, Ysabel. He had

six children, two by a former marriage. He is survived by one son, James of Gallup, and a daughter, Mrs. Bernice Menges of Reserve. He is also survived by one brother, T. W. Medley of Socorro, and a sister, Mrs. Eula M. Bodenhamer of Magdalena, eleven grandchildren, two great-grandchildren, six nieces and three nephews.

John W. Aegerter

John W. Aegerter, well known Seward County, Neb., stockman, died November



Sonny Cooke, grand champion Quarter Horse stallion of the Refugio County Fair in Refugio, owned by J. M. O'Brien of Beeville. At the halter is L. B. Snyder of Corpus Christi.

9 following a prolonged illness. Survivors include his wife and six sons, Mervin, Harold, Arden, Ted, Gene and Jack. Arden is fieldman for the Corn Belt Dailies. Mervin is a field representative for the Shorthorn World. Ted is field representative for the American Shorthorn Association.

William J. Blevins

The sudden death of Mr. W. J. Blevins on Aug. 27 was thought to be caused by a heart attack. Blevins was born in Abilene, Texas, in 1890, and had been a New Mexico resident for 35 years. He had been engaged in the cattle business and other interests, having worked at the La Jencia Ranch, 12 miles north of Magdalena, for three years. For the last seven years he ran the mail route to Riley, N. M., from Magdalena. He is survived by his wife, Mary, two brothers, George of Anthony, and Dick of California. Also two sisters of Abilene, Texas.

Cecil O'Brien

Cecil O'Brien, Amarillo cattleman and oil operator, died November 9 following injuries suffered in an automobile accident several days previous. He was en route to Roswell from his ranch near Elkins, N. M., when the accident occurred and was traveling alone. His car left the highway and rolled down an embankment. O'Brien was the son of the late Will O'Brien, early day farmer and rancher. The family lived in Hereford for a few years before moving to Amarillo in 1918. Survivors include his wife, Mrs. Betty O'Brien; a daughter, Mrs. Boone Pickens, Amarillo; his mother, Mrs. Will O'Brien,

CONCHO HEREFORD ASSOCIATION

7th ANNUAL SALE

SATURDAY, JANUARY 9, 1954

SAN ANGELO, TEXAS

60 BULLS - 15 FEMALES

Sale at San Angelo Fairgrounds

Consignors

Gene Whitehead
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Edward Cumble
Charlie Creighton
Leland Wallace
J. Paul Turner
Roy Largent
W. J. Fulwiler
Jay Pumphrey
W. B. Barret
Dudley Brothers
H. M. McBride
Justin McBride
Cox & McInnis
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Conformation, Weight for Age*

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Big Spring, January 7th

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Brownwood,
Texas

Amarillo; two brothers, John and W. B. "Pete" O'Brien, both of Amarillo; three sisters, Mrs. John Satterstrom and Mrs. Mark Oliver, both of Amarillo, and Mrs. R. E. Watson, Houston; and two grandchildren.

Lawrence Moore

Lawrence Moore, rancher of Eldorado, Texas, and former Brown and Schleicher county commissioner, died November 3 at the age of 75. He is survived by his wife; three daughters, Mrs. Joe Kreklow of Eldorado, Mrs. Arch D. Carson of Big Spring and Mrs. Dorsey B. Hardeman; four sons, Henry of Eldorado, and Jack O. and Jene Moore, San Angelo, interested in Moore Brothers, Aberdeen-Angus breeders, and Charles K. Moore, San Angelo; and nine grandchildren. Henry Moore is vice president of the Texas Aberdeen-Angus Breeders Association.

A. Watson Armour

A. Watson Armour, a director of Armour & Company and the grandson of a founder of the meat packing firm, died in Chicago November 6 at the age of 72. Armour was a director of Armour & Co. in 1905, and in 1914 was named vice president, a position he held until his retirement. Armour's grandfather, A. Watson Armour I, was one of the founders of the firm in Kansas City. His father, Kirkland B. Armour, built up the Kansas City business which was merged with the Chicago company in 1900. He is survived by his wife, the former Elsa Parker, whom he married in 1907; two sons, A. Watson Armour III and Charles B. Armour; a daughter, Mrs. Irving W. Osborne; and a sister, Mrs. James C. Dunn, wife of the U. S. ambassador to Spain.

Frank M. King

Francis Marion King, generally known as Frank King, associate editor of the Western Livestock Journal, old time cowhand and writer of western range history, died in Los Angeles November 8 at the age of 90 following a heart attack suffered several weeks earlier. King was born in California but was brought up in the cattle country of the Southwest—Texas and Oklahoma, and later in New Mexico and Arizona. He preferred to be known as a Texan although he spent comparatively few years in the Lone Star State. He was proud of his Cherokee blood and was registered as a member of the Cherokee Nation. He was a descendant of the famous old Chisholm and Rogers families of Texas cattle trail history and an intimate friend of the late Will Rogers. The King family owned large acreages in the El Monte-Pomona area of California and Frank's father owned a large cattle and horse ranch in Tulare County in the 60's. In his early days King served as cowboy, horse wrangler, ranch owner, miner, deputy sheriff and U. S. customs collector. It was while he was breaking wild horses for Sam Webb near Phoenix, Ariz., that he decided to become a newspaper man. He could barely read and admitted he could not write but after two years of schooling he became widely known for his writings. He started several newspapers and magazines, including Hoofs & Horns at Tucson. At one time he owned the famous Epitaph at Tombstone. He moved to Los Angeles when the Union Stock Yards was established there and became a cattle broker and started writing his Mavericks column a year later. He wrote

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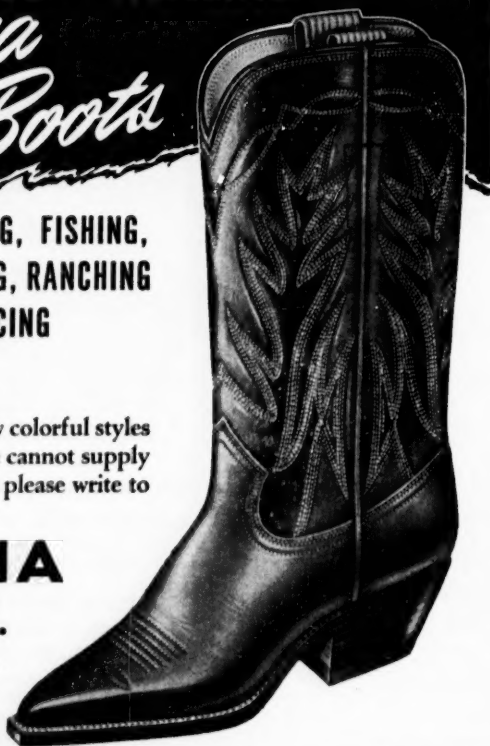
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HALBERT & FAWCETT 5th Annual Sale

JANUARY 11th ★ MILLER, MISSOURI

Selling the kind practical cattlemen demand

HHR Mischief Duke 26th

1953 National Reserve Champion
Reserve Champion, 1953 American Royal
Grand Champion, 1953 Missouri State Fair
Reserve Champion, 1953 Iowa State Fair
Reserve Champion, 1953 Ozark Empire Fair

... a half brother to the \$35,000 HHR Mischief Duke 01, now heading the C. E. Knowlton herd at Bellefontaine, Ohio; and half-brother to the \$15,000 HHR Mischief Duke 27th, now heading Ben Butt's Rock Hereford Farm at Thomaston, Georgia.



HE SELLS

SELLING 73 HEAD

18 BULLS:

- ★ 6 by HHR Mischief Duke.
- ★ 4 by Domestic Woodrow 23rd, Reserve Champion 1949 Fort Worth, and sire of the 1951 National Western Reserve Champion.
- ★ 3 by Mischief Advance, a son of Advance Mischief 3rd, and sire of the 1951 National Sale Champion and Reserve Champion bull.
- ★ 2 by Domestic Mischief 259th, the 1950 National Champion bull.
- ★ 2 by Domestic Woodrow 41st.
- ★ 1 by Advance Mischief 3rd, 1946 National Champion, and sire of the dam of the \$35,000 HHR Mischief Duke 01.

ALL ARE OF GOOD AGE, READY FOR HEAVY SERVICE—A GROUP OF REAL HERD-BUILDER AND HEADER CALIBRE.

The sale will be held at 12:30 P. M. in the heated sale Pavilion on the ranch at Miller, Mo. Jewett Fulkerson will auctioneer.

55 Females—all selling bred:

This is a real group of heifers, representative of the Halbert & Fawcett herd sire battery . . .

- ★ 17 bred to HHR Mischief Duke.
- ★ 17 bred to Domestic Mischief 259th.
- ★ 6 bred to EER Victor Anxiety 6th—purchased in 1952 from EE Ranch for \$21,000—he was 1952 Fort Worth Reserve Champion.
- ★ 8 bred to sons of HHR Mischief Duke and half brothers to the \$35,000 HHR Mischief Duke 01.

"We feel we are offering the tops of our bulls—several of them worthy of heading good herds of cattle. We have tried to select our female offering to be herd improvers and top brood cows wherever they go."

Robert Halbert

The entire offering is close-up breeding to some of the breed's top show winners. They have proved themselves in the breeding herds as well. They are truly "the championship kind" as well as being the "blood of champions." This is breeding that has made Polled Hereford history—Polleds that will meet with the demands of top cattlemen. We have maintained size, substance, and bone—Polled Herefords of modern type, with the reputation of breeding on.

Attend Golden Willow Ranch sale the following day, January 12, 13 miles east of Pittsburg, Kansas, in Missouri

a number of books, including Wrangling the Past, Pioneer Western Empire Builders and Mavericks, the latter made up of paragraphs from his weekly column. He is survived by his wife, Mrs. Sophie King, who has been an invalid for two years.

Curtis M. Foster

Curtis M. Foster, 52, Calhoun County rancher, was killed November 21 when a gun which he was handling at his home on the ranch was discharged accidentally. He was a director of the Rural Electrification Administration, Guadalupe-Blanco Authority, and First State Bank of Port Lavaca. He is survived by his wife, a daughter, Ada Beth Foster; his father, L. J. Foster, Sr.; a brother, L. J. Foster, Jr., and a sister, Mrs. Barry Bishop.

Joy F. Weakley

Joy F. Weakley, cattleman and farmer of Wharton, Texas, where he had lived for 24 years, passed away in November. He was 50 years of age. Survivors include his widow, Mrs. Carrie Mae Prasifka Weakley; one son, William Forrest Weakley; stepfather, C. V. Edwards of Houston, and two brothers, C. V. Edwards, Jr., of Houston, and Carl Weakley of California.

Louis Bernhard Eckert

Louis Bernhard Eckert, 85, Mason County's oldest native, died November 21 at the home of his daughter, Miss Lillie Eckert, in Mason, Texas. Eckert owned more than 10,000 acres, acquired from time to time over the past half century or more. Eckert retired shortly after his wife died in 1947 and moved to town.

The land is being operated by his sons, Wesley, Sam and Ed of Streeter, Walter of Doss and Dan of Mason. Other survivors include the daughter of Mason, 14 grandchildren and 13 great-grandchildren.

L. C. Hutson

L. C. Hutson, banker, cottonseed oil man and Hereford breeder of Chickasha, Okla., died November 15, following a heart attack at the age of 77. Hutson helped found the Chickasha Cotton Oil Company and later became its president, serving in that capacity until his retirement in 1949. He was currently serving as a member of the board of directors of the Federal Reserve Bank of Kansas City and was a past director of the Oklahoma National Bank at Chickasha and a director of the Chickasha Federal Savings and Loan Association. He was a charter member of the Oklahoma Ginners Association and the Oklahoma Crushers Association and also a charter member of the Hereford Association of Oklahoma having engaged in raising Herefords after his retirement. He is survived by a daughter, Mrs. Mildred McClure, Chickasha; three grandchildren; two brothers, Ira of Centertown, Mo., and Fuller Hutson of Fresno, Cal.; and a sister, Mrs. Hattie Freshire of Fresno.

William John Hubbell

William John Hubbell, owner of the Hubbell & Sons Packing Company, Houston, Texas, died at his home Nov. 20. He was 58. A native of Houston, Hubbell had been owner of the packing company for the past 30 years. He was a member of the Masonic Lodge, Scottish

Rite bodies, the Shriners, Elks Club and the Houston Farm and Ranch Club. Survivors are his wife, Mrs. Peggy Hubbell; three sons, J. W., Eddie and James Allen Hubbell; his mother, Mrs. Carrie Roberts, and a sister, Mrs. Mabel Dorsey, all of Houston.

O. E. Bandy

O. E. "Earl" Bandy, Aberdeen-Angus breeder and civic leader of Cleburne, Texas, died November 12 following a stroke at the age of 48. Bandy was a former councilman. He owned a ranch 18 miles west of Cleburne where he maintained a herd of purebred Aberdeen-Angus cattle and was interested in the filling station and battery manufacturing business in Cleburne. He is survived by his wife, Mrs. Carrie Bandy; two sons, O. E. Bandy, Jr., and Will Ed Bandy, all of Cleburne; his father, W. S. Bandy of Temple; a brother, Dr. David Bandy of Temple; a sister, Mrs. J. E. Wensley of Longview; and a grandchild, O. E. Bandy III.

Greater farm mechanization, the cutting down of livestock disease losses, better feeding and management methods—all these are factors which assist in stepping up efficiency of livestock production. And the future is bright for far-reaching advances along this line.

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JANUARY 12

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O. R. Peterson, Sales Mgr.

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MILTON SCHULTZ, Breeding

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CHELSEA, OKLAHOMA

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EER 10th ANNIVERSARY BLUE RIBBON SALE
JANUARY 22 ★ SENATOBIA, MISS.
SELLING 15 BULLS • 40 FEMALES



EER VICTORIA TONE 50th, by EER Victor Domino 12th "Popeye."
 Champion Female at the 1953 National Polled Hereford Show,
 San Francisco, Calif.
 Champion female at the 1953 American Royal Polled Hereford Show,
 Kansas City, Mo.
 Champion female at the 1953 Buckeye National Polled Hereford Show,
 Springfield, O.
 Six of her brothers and 14 sisters sell in our sale.

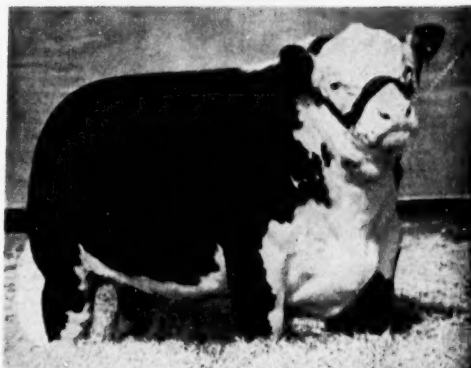
INCLUDING THE
 SHOW WINNERS
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EER Victoria Tone 50th
 ← SHE SELLS



EER Victor Tone 49th
 → HE SELLS



EER VICTOR TONE 49th, by EER Victor Domino 12th "Popeye"
 Champion bull of the 1953 Indiana State Fair Polled Hereford Show,
 Indianapolis, Ind.
 Champion bull of the 1953 Ohio State Fair Polled Hereford Show,
 Columbus, O.
 First in class at the 1953 Open Show, Kentucky State Fair, Louisville, Ky.
 First in class of the 1953 National Polled Hereford Show, San Francisco, Calif.
 Member of the first-prize get of sire of the 1953 National Polled Hereford
 Show, San Francisco, Calif.

LOOK AT THESE EER SHOW WINNINGS

NATIONAL POLLED HEREFORD SHOW:

Champion female; first, two-year-old bull; fifth, senior yearling bull;
 fourth, junior bull calf; third, three bulls; fourth and fifth, two bulls;
 first, two-year-old heifer; first and third, senior yearling heifer; fifth,
 junior yearling heifer; first, summer yearling heifer; third, junior heifer
 calf; first and fifth, two females; first, get of sire; third, pair of year-
 lings; third, pair of calves; second, best six head.

EER VICTOR DOMINO 12th GET OF SIRE:

First, get of sire of the 1953 American Royal Polled Hereford Show,
 Kansas City; the 1953 National Polled Hereford Show, San Francisco;
 the Ohio and Indiana State Fairs and at the Buckeye National Show.
 The get of EER Victor Domino 12th has won first wherever shown in
 1953. Back through the past five years at the National Polled Hereford
 Shows, get of sire groups by "Popeye" have won three times. Included
 in the group are the bull and heifer pictured above.

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DEPENDABLE EER FOREMOST
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Faster operation: Speeds of up to ten miles per hour are made possible by large wheels, high-speed blades and rugged construction. **Outstanding Dependability:** Roto-Speed's fine engineering and construction and its highly functional yet simple design result in an extremely durable piece of machinery. It requires no sharpening and only a minimum of routine lubrication and maintenance. **Ease of operation:** No complicated adjustments. Anyone who can run a tractor can do a good job with Roto-Speed the first day.

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Hammon Hereford Sale

SUMMARY

18 Bulls	\$10,965; avg.	\$609
60 Females	36,600; avg.	610
78 Head	47,565; avg.	610

WAYNE H. HAMMON, owner of Hammon Herefords, held his annual sale at the ranch near Wichita Falls, November 13. The sale featured the breeding and service of Larry Domino 80th, a son of the "50th"; Proud Mixer WHR 63rd, a son of WHR Proud Mixer 21st; MW Larry Domino 111th and Larry Domino H 13th, both sons of the "50th" and WHH Royal Duke 2nd, a son of Baca Duke 6th and others.

A top price of \$4,000 was realized in the sale of Larry's Lady Domino 444th, a daughter of MW Prince Larry 50th, to R. D. Cravens, Oklahoma City, Okla. She sold bred to Prince Larry C. Woody Hereford Ranch, Barnard, Kans., paid \$2,300 for Larry's Lady Domino 424th, by MW Larry Domino 111th, also bred to Prince Larry C. Joe Johnson, Fort Worth, one of the larger buyers, paid \$1,000 for Lady Royal Duke 87th, by WHH Royal Duke 2nd and a similar price was paid by V-One Ranch, Wilson, Okla., for Larry's Lady Domino 401st, by Larry Domino H 13th.

R. T. Herrin, Houston, Texas, topped the bulls, paying \$2,000 for Larry Domino Again 421st, a son of MW Larry Domino 80th. Chas. Green, Emory, Texas, bought a number of animals including Larry Domino Again 495th, a son of the "111th" at \$1,500 and Joe Johnson paid a similar price for WHH Royal Duke 57th, a son of WHH Royal Duke 2nd.

Colonels G. H. Shaw, Walter Britten and Gene Watson sold the cattle.

Texans Among Winners At Pacific International

TEXAS breeders made a creditable showing in the Hereford show at the Pacific International Livestock Exposition held at Portland, Oregon, October 20-24, garnering among their prizes one of the reserve championships. McBride & Turner, Blanket, Texas, showed the reserve champion female, Mixer Gwenette 324th, a daughter of Proud Mixer 522nd. Other Texans listed among the winners were W. J. Largent & Son, Merkel and McBride & Henderson and McBride & Griffin, Blanket.

Wyoming Hereford Ranch, Cheyenne, Wyo., showed the champion bull, WHR Target 19th by Zato Heir M 51st and Double M Hereford Ranch, Adams, Ore., showed the reserve champion, MM Prince Royal 136th. Lucky Hereford Ranch, Gilroy, Cal., showed the champion female, Miss Dandy 29th by Lucky Dandy Aggressor.

W. J. Largent & Son set the pace in the Hereford sale held in conjunction with the show in the sale of WJ U Royal Mixer 6th, a junior bull calf by the Largent herd bull, U Royal Mixer 5th, at \$9,000. George H. Buckler, Rose Lodge, Ore., was the buyer. Twenty-three bulls in the sale averaged \$1,308 and 20 females averaged \$518, for an over-all average of \$941.

Thrift is a habit with most Americans. Savings have helped develop our heritage of rich natural resources into the greatest agricultural and industrial nation in the world. Continue the thrift habit. Invest in Defense Bonds regularly.

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GROUP OF SALE HEIFERS

OUR 3rd PRODUCTION SALE

TUESDAY, JANUARY 12, 1954



HERD SIRES

MW Larry Domino 148	CK Crusty 20
MW Larry Domino 172	CK Coupon 5
PKR Royal Dandy 26	WHR PAT MIXER 29
PKR Zato Heir 26	TR ZATO HEIR 312

O. R. Peterson, Sales Mgr.

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*Bred and Open Heifers**Herd Sire Prospects**Serviceable Age Bulls*

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Orville Deewall, Manager
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Howard Miller, Herdsman*Attend this fine sale en route to Denver*

PAR-KER RANCH, CHELSEA, OKLA.

5th ANNUAL

San Antonio LIVESTOCK EXPOSITION and RODEO

Total Prizes and Premiums \$86,000

Livestock and Horse Show

Premiums more than \$57,000

Feb. 12-21

PREMIUMS FOR:

**BEEF • DAIRY CATTLE • GOATS • SHEEP
HORSES • RABBITS**

New Classes for Santa Gertrudis

Breeding Cattle Auction Sales
for Herefords, Aberdeen Angus,
Polled Herefords and Shorthorns.

Auction Sales for Fat Steers . . . Fat Lambs

OPEN AND BOYS' SHOW

- Fat Steers • Fat Lambs • Junior Livestock Show for Dairy Heifers and Rambouillets.
- CUTTING HORSE CONTEST
- CALF SCRAMBLE • RABBIT SHOW
- GRASS JUDGING
- QUARTER HORSE SHOW
- PALOMINO HORSE SHOW

Livestock Entries Close Dec. 15, 1953
Horse Entries Close Feb. 1, 1954

Prizes for Herefords, Polled Herefords, Aberdeen Angus, Brahmas (ABBA & PAZA) Shorthorns, Santa Gertrudis, Brangus, Milking Shorthorns, Jerseys, Holsteins, Corriedales, Rambouillets, Delaine Merino, Suffolks, Shropshires, Southdowns, Hampshires, Columbias, Angora Goats (type B & C).

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P. O. BOX 1746 • SAN ANTONIO 6, TEXAS

Texas Sheep and Goat Men Elect Pfluger President

WALTER PFLUGER, rancher of Eden, Texas, was elected president of the Texas Sheep and Goat Raisers Association at its 38th annual convention held in San Antonio November 4-5. Pfluger succeeded Penrose B. Metcalf of San Angelo. W. R. Hoge, Del Rio, was elected first vice president; J. B. McCord, Coleman, second vice president; and Ernest L. Williams was reelected secretary-treasurer.

Austin was selected for the site of the 1954 convention.

Eleven directors were named to the board: Fred Shield, San Antonio; Tom D. Woods, Marfa; Gay Howard, Marfa; Watt Turner, Rocksprings; W. L. Moody III, Brackettville; Carl Pfluger, Eden; Jimmie Chittam, Mountain Home; Dick Winters, Brady; Harold B. Shull, Midland; Lee Allison, Sonora; and S. Mayer, Jr., Bluffdale.

Ray Willoughby, San Angelo, president of the National Wool Growers Association, told the members the outlook on tariffs for the wool industry was not encouraging and expressed the belief that we can not have reciprocal trade agreements with countries whose standard of living is greatly below that of the United States.

"We must never reverse our stand for adequate tariff protection," Willoughby said. "There may soon be a national awakening to its necessity if we are to save the domestic sheep industry," he declared.

The association passed a resolution asking Congress to "amend the tariff law to compliance with present provisions in the law pertaining to the imposition of countervailing duties when other countries use means of nullifying or rendering ineffective the protection afforded domestic industry and agriculture."

Also requested was a provision for imposing duties on commodities threatened by foreign competition when there is a price support program under those commodities.

Other resolutions included:

A request that the director of the Texas Agricultural Experiment station make more funds available for blue tongue disease research work at the Sonora Experiment Station;

A request that the state allow 65-foot trailers for livestock trucks; which would make for more economical hauling;

Asked an investigation of the Texas feed control laws, charging that they are not clear and concise and that they are being exploited and evaded.

Members voted down a proposal to give presidents a second one-year term.

Quarter Interest In Bull Sells For \$26,000

THE Letts and Turkington Hereford dispersion held at Letts, Iowa, November 16, was featured by the sale of a fourth interest in a bull at \$26,000. The bull was Zato's Aristocrat and the buyer of the fourth interest was Caw Caw Plantation, Orangeburg, S. C.

A total of 244 Herefords sold for \$149,550, with 21 bulls averaging \$2,013 and 223 females averaging \$467.

Texans among buyers at the sale included R. A. Brown of Throckmorton and Corbett Brothers, of Breckenridge.

A Blind Horse

By BOB BEVERLY

MANY years ago I was working out of Dalhart, Texas. At the same time I was trying to handle a few head of stock of my own, trying to make an honest living, as the cowboys would say, as at times it did not appear to me there were too many working at making an honest living and I figured I would not have much competition at the game.

Early one morning I was walking down from the north part of Dalhart. At that time there was a wagonyard and feed-house north of the railroad tracks. As I walked by a young fellow came riding out the front gate. He was riding a sure enough good looking dun horse, just the right kind to attract any cowman's attention. As he rode by I spoke to him and asked him if he cared to trade the horse, as it sure did look just right to me. He stopped and said he wanted to sell the horse and saddle. As this appealed to me I asked him to let me try the horse out. He dismounted and handed me the bridle reins and told me to try the horse out. I jumped the horse out about twenty steps and pulled him up with the reins, jumped him around again and wheeled him around right and left by just touching him on the neck with either rein. I saw at once the horse was doubled reined. I got down, looked in the horse's mouth at his teeth, and saw he was not over seven years old and asked the owner what he wanted for the pony and saddle.

The young fellow said, "I want seventy-

five dollars, like he stands." I squatted down on the ground and wrote the owner a check, mounted and went down the street riding along complimenting myself on my bargain and rode on across the railroad tracks, the pony traveling along in an easy cowntrot, like any good cowhorse.

As I rode down the street past the First National Bank one of the leading stockmen of the North Plains came out of the bank. He stopped and looked at my dun horse as I rode on towards the DeSoto hotel.

At that time they had just started running street cars up and down the streets of Dalhart. The city had put up a turning post in front of the hotel where cars were supposed to turn, so I touched my dun pony on the neck and he wheeled around that post like a tom cat. I rode back down toward the bank and as I did J. R. Jenkins, or as Negro Jim called him, Mars Jenkins, walked out and took hold of my bridle reins and said, "I want that dun horse." I said, "No, I need him myself." He insisted that I get off and let him try out the horse, so I did.

Mars Jess tried the horse out, just as I had done, jumping him around on the street and wheeling to the right and the left, and jumping him out and stopping sudden, like all cow horses are supposed to do when at work with stock.

At that time Jenkins was improving a ranch down in the hills of New Mexico

near Corona. He had for many years ranched north of Dumas, Texas, on the north Palo Duro Canyon. He and Dick Pincham had started ranching here, just after the XIT outfit had fenced in their land, but Jenkins had bought Pincham's interest.

I doubt if there were many men who were better judges of horse flesh than Mr. Jenkins, but there were few men in the North Plains country that ever raised more horses than he. I never knew but one man that I thought loved horses better and that was Oliver Lee of Otero county, New Mexico. He owned a smokey chestnut sorrel horse that I had tried every way I knew to trade him out of. So after Jenkins tried out the horse he told me, "Bob, you have been after me for old Smokey and I am going to keep this dun horse and you can have Smokey."

At that time Jenkins lived just west of Dalhart on the Blanca Canyon, and he had a pasture running down the Rita Blanca Canyon. He kept a lot of saddle horses and his registered bulls in the pasture.

There was a young barber there, and I think he still lives in Dalhart, by the name of Joe Langhorn. He was a very good friend of mine and a very close friend of Jenkins. He often rode around the pasture with Jenkins. As Jenkins was talking to me about my dun pony Joe came up and Jenkins told him to get on his horse and go with me down to his home on the canyon. He said, "Drive up the horses and give Bob Old Smokey and leave this dun horse in the corral. I want to send this horse down to Corona to work stock down there in the open country." So I got one of the best saddle



OUR 3rd
PRODUCTION SALE

JAN. 12

O. R. PETERSON, Sales Manager

Your Guide



to
Superior Herefords

Attend This Sale En Route To Denver

OFFERING

Open Heifers
Bred Heifers
Herd Sire Prospects
Serviceable Age Bulls

HERD SIRES

PKR ROYAL DANDY 26	PKR ZATO HEIR 26
MW LARRY DOMINO 148	MW LARRY DOMINO 172
WHR PAT MIXER 29	WHR DESIGNER 2
NOE'S BACA PRINCE 30	TR ZATO HEIR 312

ORVILLE DEEWALL, Ranch Mgr.
MILTON SCHULTZ, Breeding

G. C. PARKER, Owner

Write for Catalogue

HOWARD MILLER, Herdsman
BUSTER BROWN, Herdsman

PAR-KER RANCH, CHELSEA, OKLA.



PROUD MIXER'S HEIR

A great individual that is now showing his greatness through the calves being sired by him. We would be pleased to have you visit us—see this bull and our breeding herd of Larry Domino cows that are producing top Herefords.

BLOCKED L RANCH

BRYSON, TEXAS

L. O. MOORE and W. G. STAMPER, Owners



HG PROUD MIXER 673rd, one of our top sires.

SELLING

JANUARY 8

Mid-Texas Hereford Assn.
STEPHENVILLE

- Two bulls—both senior bull calves. One by WHR Idealist 23rd and one a grandson of HG Proud Mixer 673rd.

JANUARY 9

Concho Hereford Assn.
SAN ANGELO, TEXAS

- Three bulls—two are sons of HG Proud Mixer 673rd and these top individuals are ready for heavy service. One is a son of SC Mixer 16th and is a junior yearling.



BARRET

Hereford Ranch

COMANCHE, TEXAS

100 Miles SW of Fort Worth on Highway U. S. 67

W. B.
W. J.
D. K.

horses on the North Plains. I felt like I was getting along very well that day. I saddled up Smokey and rode out of town for a few days.

When I first knew Jenkins he had a saloon in old Tascosa. About the time the railroad bypassed the old town Jenkins could see the handwriting on the wall. He finally sold his saloon and he and Pincham promoted the organization of Hartley county, Texas, and developed their ranching interest east of where Dalhart is now.

As time passed new people came into the county. The Rock Island railroad built through and crossed the Fort Worth and Denver road. Jenkins built his home on the bank of the Rita Blanca Canyon west of Dalhart, and became very active in the livestock business.

At all times he was interested in horses and bought a lot of noted stallions from different parts of the Country. When he decided to ranch down in the Corona country he was stocked with a lot of horses. At one time he wanted me to go into Old Mexico and get a range down there to run a thousand mares on. In the course of a few weeks I rode back into Dalhart and met Jenkins. He came up to me and held out his hand and said, "I sure want to shake hands with you." I said, "What's the occasion?" He said, "I think more of you than I ever did for you are the only man that ever traded me a blind horse."

This was all news to me as I had only owned the pony for about thirty minutes before Mr. Jenkins all but took him away from me. He had given the horse as much trial as I had. I tried to tell him I did not know the horse was blind but he just gave me a hearty laugh and said, "It is perfectly okay, kid, but you sure put one by me and I am going to give you one of my Bob Wade colts any time you will come and get him."

I hunted up Langhorn and asked him about the horse being blind. He told me the horse was as blind as a bat. I never did know what Jenkins did with the horse for I never saw him again, nor the man I bought the horse from.

As time wore along, and in my work as inspector for the Texas and Southwestern Cattle Raisers Association, I knew that Jenkins for years had not felt too good towards the Texas folks I was employed by, but I invariably cut one of his hip O steers from any herd I had to look at.

One day Jenkins met me in the bank and said, "Bob, I am going to join your outfit because I like you and have been checking up on your work. I find that you are working for the stockmen's interest." I took his application and check for his dues and sent it into the office at Fort Worth. He said, "In days gone by I have cursed those people a plenty, but anyway I can help you out, Bob, just let me know."

Just a few weeks before Jenkins died I went to see him. He lay sick, old and worn out there on his bed, at the old town of Carizozo, New Mexico. When I went into his room and shook his hand he said, "Sit down there, kid, by my bedside where I can look at you."

After a while he said, "You have grown up, kid, and got fleshy, and not like the little slim kid you was when you used to ride races. We had some fine races. Don't you remember how we used to outrun them one way or another in

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NO. 153

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the old days?" Then we had to live it all over again.

I spent the day talking to him and once in a while his wife would come into the room. She said, "You folks are talking history I never heard of before." Then Mr. Jenkins would tell her it was history she did not know about and she would just laugh and say, "I am glad you both are enjoying the day."

Jenkins told his wife: "I still think a lot of this kid, even if he did trade me a blind horse, for it made me think more of him than I ever did." I knew it was too late then to try to make him believe that I did not know the horse was blind.

In just a few days he went out on that long trail trip from whence no cowboy ever returns. The things we talked of as we visited our last time would be of no interest to the young folks of today because they do not think the times we lived through could be like they were when I first met Jenkins.

I am glad I knew him and his kind. When I was a young boy trying to be a cowboy on the range a boy had to work in order to eat.

If Langhorn is living I hope in some way he gets to read and learn the truth about the blind horse, if he was blind. As the Great Range Boss is my judge, I still do not know.

Peace to Jenkins' ashes, and with no regrets either way, for I was trying to make an honest living, and am still working at the same game.

Shorthorn Transactions

C. T. McIntire, Madison, Ga., purchased eight Shorthorn females and sixteen Polled Shorthorn females from Bennie Farmer, Brandon, Miss.

J. R. Bodin, Bloomsdale, Mo., purchased nine Polled Shorthorn females from Joe Dawes, Slater, Mo.

C. B. Teegardin and Sons, Ashville, Ohio, purchased twelve Polled Shorthorn females and twelve Polled Shorthorn bulls from J. C. Wahls, St. Olaf, Iowa.

Ed Reed, Grain Valley, Mo., purchased nine Shorthorn females from Bill Armistage, Lenexa, Kansas.

Cyrus L. Cook, Port Lavaca, Texas, purchased six Shorthorn females from Vernon Waida, Victoria, Texas.

R. N. Ison and Son, Butler, Mo., purchased five Shorthorn females from G. E. Brinkerhoff, Lamar, Mo.

Rollo Cook and Son, Rock Port, Mo., purchased six shorthorn females from Allen and Emry, Rock Port, Mo.

Fred Ross, Froid, Mont., purchased nine Shorthorn females from Holger Christofferson, Froid, Mont.

U. R. Brouk, Houston, Texas, purchased fourteen Shorthorn females and six Shorthorn bulls from Chas. Brown, Elgin, Texas.

Floyd May, Cold Springs, Okla., purchased seven Shorthorn females from Ernest Boelte, Lone Wolf, Okla.

Ralph Agle, Jeffersonville, Ohio, purchased eight Polled Shorthorn females from James H. Hawkins, Xenia, Ohio.

Merlin Krehbiel, Galva, Kans., purchased seven Polled Shorthorn females and one Polled Shorthorn bull from Love and Love, Partridge, Kans.

Jake W. Muller, Dike, Ia., purchased five Shorthorn females from Oscar Van DeWalle, Tama, Ia.

R. R. Clark, Tuscomb, Ala., purchased eight Polled Shorthorn females from R. R. Johnston, Dancy, Ala.



DB LARRY DOMINO 34th

Our great champion and sire of top individuals for us. See his half brothers and sisters in the sales and at the major shows—also see his calves at the shows.

DUDLEY BROS., Comanche, Texas

Gail, Tom and Eltos Dudley, Owners • Earl Walker, Herdsman

SELLING:

JANUARY 8
Mid-Texas Hereford
Assn.

STEPHENVILLE

• One Bull—a junior yearling son of WHR Royal Duke 107. He has size and scale with a good yellow color.

• Three Females—all open heifers and soon ready to breed. One is by DB Larry Domino 19, one by WHR Royal Duke 107 and one by WHR Destiny 10th.

JANUARY 9

Concho Hereford Assn.
SAN ANGELO, TEXAS

• One Top Bull by JJ Larry Domino 7th and out of a daughter of WHR Proud Mixer 21st. He is a junior yearling with a lot of bone, ruggedness, size and yellow color. Be sure to look this good prospect over.

• One senior heifer calf by JJ Larry Domino 7th with those same qualities as her half brother selling and her half brother shown here.

Thanks

Thanks to these buyers of our cattle at Palo Pinto Hereford Sale, Montague County Hereford Sale and Texas Roundup Sale.

Jack Pickard, Weatherford, Texas

H. B. Powers, Lancaster, Texas

Hugh Hargis, Alexandria, La.

Old River Ranch, Brenham, Texas

N. E. Heath, Bowie, Texas

Lawton Flynn, Bellevue, Texas

Come by the ranch and see the yearling prospects we have for sale . . . both bulls and heifers by our EG Royal Mixer 172nd, our good son of HG Proud Mixer 579th.

Diamond

REGISTERED
HEREFORDS

FRED M. LEGE III, Owner
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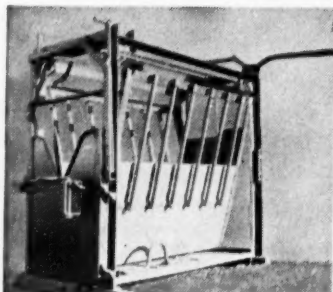
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Shirley Sales Service Satisfy

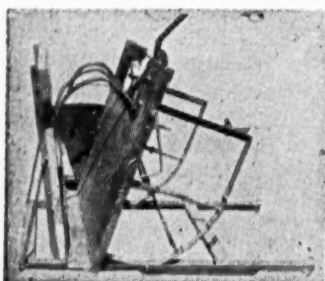
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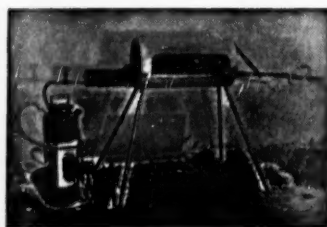
The Universal Stock Chute
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The world's best cattle machine. Used by 5,000 leading cattlemen.



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The most efficient and convenient means for handling 100 to 300-pound calves.



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The most modern and efficient means for heating branding and dehorning irons. Please specify which is preferred—butane or distillate.

GEO. K. TURNER MFG. CO.

Cimarron, New Mexico

CHUCKWAGON By CHARLIE, the cook

"Shhhh— Here's where I git that fried chicken ol' Hank has been houndin' me to fix!"



ATTEMPTING to advise the average farm or ranch woman about how to cook a Christmas turkey is sort of like carrying coal to Newcastle, or like a layman trying to tell a surgeon how to go about the technicalities of his business.

So, unlike a lot of people who write about good eating, I always skip that one. Besides, turkey cooking hasn't changed much since the first gobble was gobbled by the Mayflower people, and all housewives should have the know-how by this time.

But since actual turkey cooking is oft-time far easier than getting rid of what's left of the festive bird, could I be permitted a little suggestion on an excellent way to handle that leftover situation?

This one, in my book, makes the day after Christmas as much to be remembered as the Christmas Day dinner itself:

In a large skillet (or in the top pan of a chafing dish over the hot water jacket) put in alternate layers of leftover turkey, one cup of thick sour cream of the commercial variety, quarter of a pound of grated cheddar cheese, and onion rings cut from a large onion.

Let simmer gently until the onions are barely tender, and serve while still bubbly with a sprinkle of paprika over each portion.

It's as simple as all that, but a real fancy dish.

However I take my beef—in roast, sirloin, T-bone, ground or Swissed—inevitably I always get back, at regular intervals, to that old standard of steaks, the Round.

Round steak, although it never received the royal accolade of knighthood as in the case of the loin, has a distinctive flavor of its own; and although it's hard to beat just salted and peppered and drenched with flour, you can dub in some mighty fine extra flavors by doing like this:

Take a good-sized round steak about

half an inch thick, sprinkle it with salt and pepper and flour, and give it a good working over with a pounder. Put shortening in a heavy Dutch oven, top the steak with a cup of sliced onions, and brown it well. Then take a couple of eight-ounce cans of tomato sauce, combine contents with two tablespoons of soy sauce, one tablespoon of sugar, one bay leaf, and half a teaspoon of your favorite herbs (such as thyme, marjoram or oregano) and pour all this over the meat. Put the Dutch oven, covered, over low heat and cook until the steak is tender. To make sure it doesn't stick add water as the tomato sauce cooks away. When you remove the meat to the platter skim away the fat in the pan and pour the remainder of the sauce over the meat.

It would take a lot of doin' to dream up a better cool day meal than these Meat Balls with Onion Sauce, the recipe for which is designed for a dozen at the table:

INGREDIENTS: Two pounds of ground beef; two cups of fine soft bread crumbs; one cup of cream; two eggs slightly beaten; one-half teaspoon of mace; one-fourth teaspoon of allspice; salt and pepper to taste; half a cup of butter or bacon drippings; four large onions sliced very thin; half a cup of flour; two cans of condensed consomme; one cup water; one cup of sherry wine; two tablespoons minced parsley.

METHOD: Mix the beef, bread crumbs, cream, eggs and seasonings. Then take up the mixture by rounded teaspoonfuls and shape into little balls. Heat butter or drippings in a large heavy skillet, add onions and cook gently for five minutes before removing onions. Place the meat balls in the skillet, brown on all sides, then remove meat balls. Pour off all but half a cup of drippings from the skillet, then add flour to the drippings in the skillet and blend well. Add the consomme, water and sherry, and cook, stirring constantly, until the mixture is thickened and smooth. Season to taste with salt

and pepper, and add parsley. Return the balls and onions to the sauce. Cover tightly and simmer gently, stirring occasionally, for half an hour. Serve with buttered noodles generously sprinkled with Parmesan cheese.

* * *

Sure . . . you can make good Brown Bread right in your own kitchen, if perchance you'd like a few loaves for the holiday season. Here's the simple procedure for that masterpiece of the baker's art:

INGREDIENTS: One-half cup of sifted all-purpose flour; one teaspoon of soda; three-fourths teaspoon salt; one and three-fourths cups of instant whole wheat cereal, uncooked; two-thirds cup of seedless raisins; one-third cup of dark molasses; one cup of sour milk or buttermilk.

METHOD: First, get a couple of No. 303 cans and grease them. Then sift the flour, baking soda and salt into an eight-cup bowl. Add the cereal and raisins and stir until they are well mixed with the flour. Add molasses and milk and mix well. Allow to stand about one minute, then stir again to make certain raisins are even throughout. Pour half of the mixture into each greased can, and tie waxed paper over top of each can. Place cans on a rack in a deep kettle. Add boiling water until it reaches about a third of the way up the sides of the cans. Cover the kettle tightly and allow the water to boil slowly for about three hours, replenishing with boiling water that which evaporates in the pot. About 15 minutes before the three hours have passed heat your oven to about 250 degrees, and at the three-hour point lift the cans from the water and remove the wax paper. Then place cans on oven rack slightly below center for 10 minutes to let them dry off. Take cans from oven, loosen sides of bread with a knife, and remove cylinders at once.

This cold-weather bread is a natural with baked beans anytime.

* * *

Are you a waffle addict? Then listen: Cover three-fourths of a cup of dried figs with boiling water and let stand 10 minutes. Drain thoroughly. Clip off stems with scissors and cut figs fairly fine. Now—prepare batter for six or eight waffles, using your favorite recipe or a mix. Add figs to batter and bake in hot waffle iron as usual.

Got a good recipe you'd like to share with the neighbors? If so, send it to Charlie the Cook, care of The Cattleman. Or, if there's any particular recipe you'd like to have, ask Charlie. He'll round it up for you.



MW PRINCE LARRY 67th

This great young sire is doing a most pleasing job for his calves have those qualities top breeders demand.

QUALITY PAYS

We have always kept in mind—"only the good kind pay off for us and for our customers." This has been our constant aim in producing Herefords. Our herd additions, both bulls and females, are selected for top individuality and proven prepotent bloodlines. Our many satisfied customers are the best references for our Herefords.

★

We would be pleased to have you visit us and see the prospects we now have.

F. D. JONES HEREFORD

RHOME RANCH TEXAS

F. D. Jones, Owner • Marvin Mayberry, Mgr.

See These Consignments

January 9 - Concho Hereford Assn.

San Angelo, Texas

SELLING TWO TOP BULLS—One a two-year-old by G Royal Domino our grandson of Real Domino 51st. This is the best bull we have ever offered at the San Angelo Sale and believe top ranchers will like this good bull. The other bull is another two-year-old by a son of MW Larry Domino 19th, he is yellow in color with size and scale you will like.

January 7 - Howard-South Plains Hereford Assn.

Big Spring, Texas

Be sure to see our consignment.

* We wish to thank the buyers of our cattle at the Texas-Oklahoma Sale, Brownwood Hereford Sale and the Texas Roundup Sale, all held the past month. Our best wishes go with these cattle and hope they do good for you.

BAR M RANCH

RHOME, TEXAS

★ ★ ★

O. H. McALESTER
Owner



ALBERT HAASE
Herdsman

The Cattleman—Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.



8th Annual "Criterion Sale"

February 16 • Memphis, Tenn.

at new heated sale barn—Mid-South Fairgrounds

Top Hereford Consignment Sale in 1953 and better in 1954.

Mid-South Polled Hereford Association, P. O. Box 5841, Memphis, Tennessee

Urea As a Source of Protein

A NEW circular prepared by the Oklahoma Agricultural Experiment Station on the subject of Urea As a Source of Protein in Livestock Rations, is now available. The circular was prepared by W. D. Gallup, L. S. Pope and C. K. Whitehair and is filled with information about urea.

A summary of the circular is as follows:

The liberal feeding of protein to secure rapid rate of growth and high production has created a demand for high-protein feeds which are not in plentiful supply at all times. Thus, in view of demands for economical high-protein feeds,

investigations of chemical compounds which might be used to extend protein supplies have been employed. Urea is foremost among the materials being investigated.

Urea is a colorless and odorless compound manufactured from such common raw materials as coal, air and water. At present, thousands of tons are being produced annually for use in industry and agriculture. Pure Urea contains 46.7 per cent nitrogen. It resembles table salt in appearance.

Nutritionally, urea is like protein only in that it contains nitrogen. It cannot be used to advantage in feeds for animals

with simple stomachs such as swine and chickens; but it can be used by ruminants such as cattle and sheep.

By feeding urea only as recommended, beneficial results may be obtained by the beef cattle and sheep producer.

Dosing with urea, or allowing animals to consume large amounts over a short period of time, may lead to disastrous results. Experiments with cattle and sheep at the Oklahoma Experiment Station show that urea nitrogen is most efficiently utilized when it supplies up to, but not much more than, 30 per cent of the total nitrogen in a fattening-type ration, or about 25 per cent of the total nitrogen in a pelleted feed mixture for range feeding.

Less favorable results have been obtained with range pellets in which 50 per cent or more of the total nitrogen was supplied by urea.

Due to the nature of urea and the fact that excessive amounts may be harmful to animals, undiluted commercial preparations of urea are not recommended for home mixing. Urea in supplemental feeds and rations requires thorough preparations to insure its even distribution and to prevent its settling out in the mixture. Urea should be combined with a carbohydrate feed when it is used to replace one of the common high-protein supplements such as cottonseed meal. The usual recommendation is six parts of grain and one part of urea to replace seven parts of 41 per cent meal. It is seldom advisable to use the urea-carbohydrate mixture to replace all of the usual high-protein supplement in a ration. In station feeding trials, best results were obtained when the mixture replaced not more than 50 per cent of the regular protein supplement. Additional minerals, especially phosphorus, may be needed when as much as 25 to 50 per cent of the protein in the supplement is provided by urea.

Summary of feeding trial results on fattening rations are as follows: Yearly feedlot trials with fattening calves extended over a period of eight years and involved 210 calves being full-fed on grain for approximately 165 days. Pelleted protein supplements containing urea were fed in amounts ranging from one-half to two pounds per head per day. Pellets in which urea supplied the equivalent of either 25 per cent or 50 per cent of the protein (nitrogen) produced gains equal to those produced by the common plant protein supplements. Pellets with 85 per cent of the protein supplied by urea were unsatisfactory.

Results on wintering rations are as follows:

Yearling heifers were successfully wintered on dry grass and the 25 per cent urea pellet during three successive winters. The pellet was fed at the average rate of 2½ pounds per head per day. The same pellet fed at an average rate of three pounds per head per day was used for wintering two-year-old steers during three successive winter trials, and for wintering mature beef cows during the year.

The only cause of bovine hyperkeratosis or X-disease which has been proved and confirmed is highly chlorinated naphthalenes, which are used in some lubricating oils. Hyperkeratosis outbreaks often can be controlled by eliminating all possible contact between cattle and any lubricating oils.

HERD REDUCTION

FOR SALE AT PRIVATE TREATY:

★ **25 COWS**—all good ages popular bloodlines. Some open cows with calves at side. Some with calves at side and rebred. Most of the calves are by MW Larry Mixer 1st and most of the bred cows carry his service. The "1st" is a son of the Register-of-Merit MW Larry Domino 83rd and has sired many winners for us.

★ **15 REPLACEMENT HEIFERS** — several are bred and the others are of breeding age. Eleven are by MW Larry Mixer 1st. Three are by FHR Proud Mixer 1st and one is by FHR Baca Duke. These heifers are truly tops!

FULWILER HEREFORDS

Mr. and Mrs. W. J. Fulwiler, Abilene, Texas, Route 4. • C. M. Largent, Jr., Mgr.

Eleventh Annual Great Raton Hereford Sale

SUMMARY

35 Bulls	\$12,545; avg.	\$358
8 Pens	1,300; avg.	163
8 Females	2,350; avg.	294
51 Head	16,195; avg.	318

THE Eleventh Annual Great Raton Hereford sale held at Raton, N. M., November 12 was made up of consignments from 18 breeders and included animals of popular bloodlines.

Topping the sale at \$2,500 was the reserve champion bull, Baldwin Plus 177th, by Colo. Baldwin 14th, consigned by E. N. Jeffers, Springer, N. M. This outstanding herd sire prospect went to B. Montoia, La Plata, N. M. Beau Resolute 28th, champion bull, consigned by Roy Bradshaw, Dalhart, Texas, sold to J. A. Holland, Ordway, Colo., for \$700. The second high price was also paid by B. N. Bowen, Springer, for Chico Prince 51st, a son of Beau Resolute 63rd, consigned by E. R. Seward & Sons, Chico, N. M. Ben Florsheim, Springer, paid \$500 for R Husker Lad 6th, by R Husker Domino 18th, consigned by W. H. Rountree, Maxwell, N. M.

Only eight females were sold with the top price \$430, paid by C. A. Burrows, Roswell, N. M., for the champion female, Bonnyheart, by Sir Domino 570th, consigned by Albert Van Dyke, Jr., Springer. She sold bred to Circle A Larry.

Hank Weiscamp and Gene Watson were the auctioneers.

Circle A Hereford Sale

SUMMARY

19 Bulls	\$35,440; avg.	\$1,865
42 Females	34,940; avg.	832
61 Head	70,380; avg.	1,154

THE Circle A Hereford Farm sale held at Morris, Ill., Oct. 31, was one of the most successful Hereford sales held this season, the average comparing favorably with last year's auction, considering conditions. Every animal in the sale had been bred and raised at Circle A. Featured was the breeding of MW Larry Domino 133rd, Register of Merit sire and other outstanding Circle A herd sires.

CA Larry Domino 41st, a son of the "133rd" and champion bull at the Illinois State Fair, topped the sale at \$10,250, selling to Bland Bros., Sonora, Ky. CA Larry Domino 69th, also by the "133rd," sold for \$3,500 to Everett Elred, Lake-side, Neb., and another son, CA Larry Domino 107th, went to Middleton Farm, Napierville, Ill., for \$2,325. Bernard Donovan, Cerro Gordo, Ill., paid \$2,000 for still another son, CA Larry Domino 81st.

The females scored a top of \$4,600 paid by Eugene S. Salvage, Lucky Hereford Ranch, Gilroy, Calif., for CA Larryette 53rd, an outstanding senior yearling daughter of MW Larry Domino 133rd. Salvage also purchased two other females at \$2,000 each, CA Larryette 38th by the "133rd" and CA Royal Lady 5th by Baca R Domino 73rd. The second top selling female was CA Citationette 50th by WHR Citation. She sold to OXO Hereford Farm, Mokena, Ill., for \$2,100.

The auctioneers were Jewett Fulkerson, Charles Corkle, Gish Shaw, Emerson Marting and Freddie Chandler.

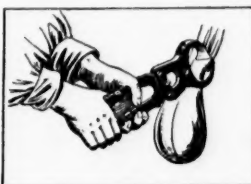
Garage or barn doors should be open when you start any motor vehicle. Your life may depend upon it. Beware of the silent killer: carbon monoxide!

BURDIZZO BLOODLESS CASTRATOR

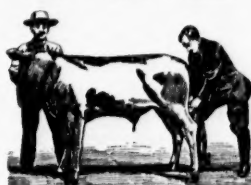
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DEC. 18-19

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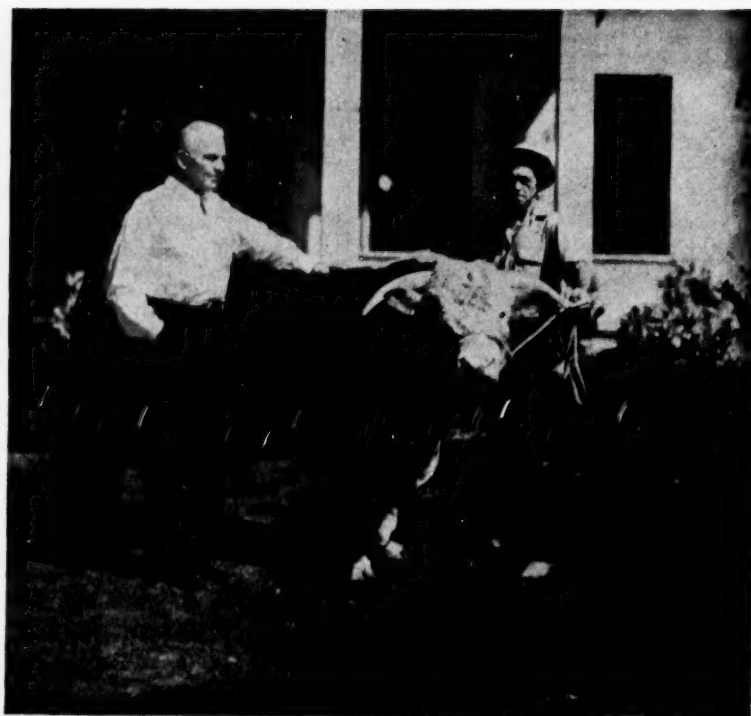
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FULKERSON, H. B. SAGER

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Bill and Dorothy Milne
Moseley Hereford Ranch
Route 1 Box 1640
Phone Rio Linda 5401
Roseville, Calif.



Major C. C. Moseley (left) and Bill Milne, manager (right), with MHR Proud Prince 66th, son of TT Proud Prince, selling as Lot 3. The influence of TT Proud Prince will be strong in the offering December 18-19. His sons and daughters will sell. Five of his sons are now top herd sires at Moseley Ranch and their get and service sell. Also the produce of his daughters will be offered.

WONDERFUL BULLS FOR YOUR COWS!

HERD SIRES SELLING:

Lot 1—MHR PROUD PRINCE 1st 6811768 by TT Proud Prince and out of Zato Heiress W. 58th by H&D Tone Lad 105th. June 10, 1951.

Lot 2—MHR PROUD PRINCE 33d 7095055 by TT Proud Prince and out of a dam by Advance E. Domino. Sept. 2, 1949.

Lot 3—MHR PROUD PRINCE 66th 7095056 by TT Proud Prince and out of MHR Mischievous 38th by Mischief Domino 20th. June 10, 1951.

Lot 4—MHR Majestic 45th 6388844 by TT Proud Prince and out of Miss G. Mixer 35th by Gunnison Mixer 7th. Aug. 7, 1950.

Lot 5—MHR LARRY 10th 6580300 by MW Larry Domino 47th (he is reference sire, having been used in Moseley herd successfully) and out of same dam as MHR Proud Prince 33d. Nov. 10, 1950.

Lot 6—MHR WYOMING DOMINO 7083078 by Royal L. Domino 43d, Chicago champion by OJR Royal Domino 43d, and out of Miss Adv. Jr. Domino. June 10, 1950.

Lot 7—MHR WYOMING ROYAL 7083452 by Royal L. Domino 43d and out of a dam by Advance Domino 93d. August 8, 1950. Both he and his Lot 6 half-brother were purchased from Fred DeBerard at private treaty, Denver sale.

Lot 8—MHR TEXAS MIXER 7095054 by WHR Proud Mixer 21st and out of HG Miss Blanchard 882d by Blanchard Domino 390th. He was purchased in dam from Hardy Grissom, she topped the 1949 Fort Worth sale to Moseley. April 10, 1949.

Lot 9—MHR MAJESTIC 75th 7375384 by TT Proud Prince and out of a dam by TT Triumphant 38th. June 1, 1952.

GUARANTEE

Every female to be sold in this dispersion with her last breeding service prior to October 1, 1953, will be examined by a licensed veterinarian 60 or more days after date of service. All females pronounced in calf by the veterinarian's report, as announced at the sale, will be guaranteed in calf and . . .

**ONE-THIRD OF THE PURCHASE PRICE
OF THAT FEMALE WILL BE REFUNDED
TO THE BUYER**

if the guaranteed female should prove NOT to be in calf as reported, provided the buyer proves to the seller by April 1, 1954, that said female is not in calf.

(The pregnancy examination and report is being made by Paul D. Pattridge, D.V.M., Golden, Colo.)

MOSELEY HEREFORD RANCH

Sacramento, Calif.

MOSELEY HEREFORD RANCH DISPERSION



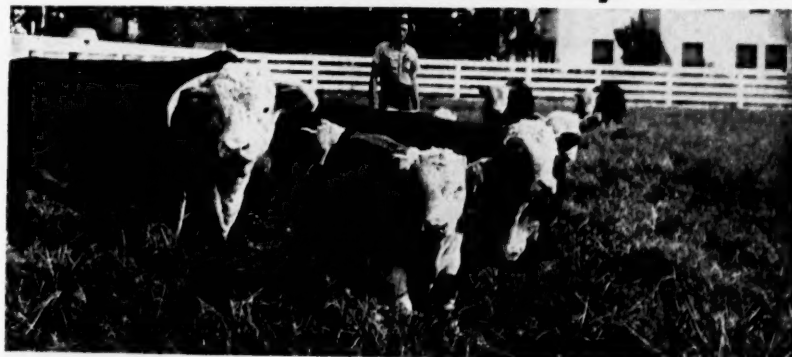
Ross Miller of The Hereford Journal with Zato Heiress S. 33d (left), by H&D Tone Lad 105th, top cow of the 1948 Patterson Sale. Cow in center is MHR Estrellita by Baca R. Domino 76th . . . shown by MHR at the leading shows to four championships, four reserve championships . . . shown eight times.

500 HEAD - 400 LOTS DECEMBER 18 - 19



Part of the cows and calves that sell. The Moseley herd was founded on top selling females from some of the nation's leading herds. Cows such as these can only be found in a dispersion. Below: MHR Proud Prince 33d and calves.

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*Write Secretary for list of Breeders



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- N M Real Domino
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- N M Real Domino 36th

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Texarkana Polled Hereford Sale

SUMMARY

27 Bulls	\$6,773; avg.	\$251
8 Females	1,980; avg.	248
35 Head	8,753; avg.	250

THE first annual Polled Hereford sale held October 26 at Texarkana, Texas, was sponsored by the Texas Polled Hereford Association.

Topping the sale at \$590 was the reserve champion sale bull, JFG Domestic Mischief 145th, an April, 1952, son of GR Domestic Mischief 97th, consigned by Jim and Fay Gill, Coleman, Texas. L. O. Cavender, Idabel, Okla., was the buyer of this good herd sire prospect. The second top selling bull at \$410, and going to Reed Barringer, Whelan Springs, Ark., was the champion sale bull, B Woodrow Mischief 25th, a May, 1952, son of Woodrow Mischief 43rd, consigned by N. M. Barnett, Melvin, Texas.

Leading the females was the sale champion, TPH Blanche Domino 11th, a June, 1952, daughter of EC Euchre 18th. She was consigned by Taylor Polled Herefords, Sparkman, Ark., and sold to V. C. Fagan, Texarkana, on a bid of \$400. Another Taylor consigned female, Miss Circle A. Domino 9th, a February, 1951, daughter of GHR Domino Mischief, went to C. E. Powers, Texarkana, for \$300. V. C. Fagan also bid to \$300 to get the reserve champion female of the sale, Miss Bonnie Larry, a January, 1953, daughter of BHF Larry 2nd, consigned by Bentley and Callaway, Hughes Springs, Texas.

Walter Britten was the auctioneer.

Otis O. McIntosh, who for the past 10 years was a director of public relations for the Ralston Purina Company, was given the annual Award of Merit by collegiate livestock judging coaches at the American Royal Livestock Show in Kansas City on October 18. Each year the award is given to the person whose efforts are adjudged to have contributed most substantially over the years to the success of the livestock judging events. The award is a sterling silver tie clasp in the form of a spur. The American Royal collegiate livestock judging contest is one of the outstanding events of its kind in the country. McIntosh, who recently took over sales duties for the Purina Company in a Georgia district, served as associate superintendent of the American Royal livestock judging contest the past seven years. He is a native of Georgia and an agricultural graduate of the University of Georgia.



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Better Cattle Distribution Through the Use of Meal-Salt Mix

By FRED N. ARES, Range Conservationist, Southwestern Forest and Range Experiment Station,¹ Tucson, Arizona

A BASIC principle of good range management is distributing livestock so that utilization of forage will be as uniform as possible on all parts of the range. Cattle naturally tend to congregate near watering places and on level or other favored areas with the result that unless provisions are made for distribution, parts of the range are too heavily grazed, parts grazed to the proper degree, and parts receive little or no grazing use.

Many methods are used to encourage more uniform cattle grazing. Fencing into small range units and developing watering facilities are effective but limited by economic considerations. Placing salt in little used areas, periodic closing of watering places, and herding and riding are helpful practices. Yet, because of the natural grazing habits of cattle, and the rough character of most rangelands, the pattern of grazing use is seldom fully satisfactory.

A possible new tool for controlling cattle distribution is provided by the cottonseed meal-salt mixture which is becoming a popular and widely used supplemental range feed especially in the Southwest. In contrast to other concentrates which must be hand fed, usually in corrals, the meal-salt mix can be fed free choice on the open range. This is because the salt content can be varied to regulate the amount of supplement consumed by each animal. Cattle are attracted by the cottonseed meal and by judicious placement, the mix offers great possibilities for drawing cattle into areas that otherwise would receive little use.

The consumption of large amounts of salt can be toxic or even fatal to cattle especially if water is restricted. Controlled tests by Cardon et al (1951) showed that a single dose of two pounds of salt resulted in salt-poisoning symptoms in a 950-pound cow within eight hours, when water was withheld. They report that the animal undoubtedly would have died had not the rumen been washed free of salt 12 hours after the salt was administered. One month later, after the animal had fully recovered, her condition remained normal following a similar dosage of salt but with an ample water supply. Pregnant cows maintained for seven months on a diet which contained one pound of salt per day but with free access to water showed no ill effects. Calving was normal and the calves were healthy.

Some death losses of cattle on the range have been ascribed to excessive salt and further indicate the need to consider the possibility of salt poisoning in relation to water supply. In actual practice, however, many thousands of cattle are being fed various meal-salt mixes under a variety of range conditions with no ill effects. Cattle normally consume no more than one-half pound of salt per day when fed meal-salt mix free choice

on the range, and it appears that the supplement might be used to enhance the distribution of cattle with little likelihood of receiving toxic doses.

Plan of the Study

To test the effectiveness of meal-salt mix in controlling distribution of cattle, a study was initiated in 1950 on the Jornada Experimental Range, a unit of the Southwestern Forest and Range Experiment Station located in Dona Ana County in south central New Mexico. Two comparable pastures, designated as pastures 9 and 10, and typical of the valuable and extensive black grama range type of southern New Mexico, were used. Almost all of the forage is provided by black grama, and in accordance with the growth requirements of this valuable grass, grazing is confined to the winter-spring period, November through June. Supplemental feed in the form of cottonseed meal-salt mix is made available during the period the cattle are in the pastures. Protein content of the forage is somewhat below the minimum requirements of the cattle during late fall and winter, and the supplemental feed is taken readily. Its consumption drops rapidly after early April in most years when some growth of sand dropseed and a variety of weeds provide some green forage with a high protein content.

The pastures are level mesa range, and all parts are easily accessible to livestock. Permanent water is provided by wells located in the extreme north and south limits. In addition, pasture 10 has a small temporary tank which is usable in the early fall months. The maximum distance from water is three miles and the average maximum for both pastures about 2½ miles. The area of pasture 9 is 3,172 acres and of pasture 10, 7,172 acres.

Pasture 9 was stocked with yearling heifers and pasture 10 with yearling steers in the 1950 grazing year. This was necessary because not enough animals of either sex were available to stock both pastures, and because it is not desirable to mix the two classes of yearlings. Any differences due to different grazing habits and gaining ability between the classes of livestock were compensated by reversing the stocking arrangement in the second year of the study. In the 1951 grazing year, pasture 9 was stocked with steers and pasture 10 with heifers. Steers were sold in the spring and other cattle were grazed on the steer pasture through the remainder of the grazing year. Weight records were made of both the steers and heifers at the time of the steer sale.

The supplemental ration used was approximately 80 per cent meal and 20 per cent salt. This proportion was selected in order to regulate the daily consumption at about 1½ pounds of meal per head. The low salt content also increased the attractiveness of the mix and decreased the possibility of poisoning.

To determine the effectiveness of the meal-salt ration in controlling distribu-

¹Maintained by the Forest Service, U. S. Department of Agriculture, for Arizona, New Mexico, west Texas, with headquarters in Tucson, Arizona.

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- 9—Bucking Bronco
- 10—Better Than Bacon
- 11—On the Move
- 12—Buffalo Hunt—(with arrows)
- 13—Buffalo Hunt—(dated 1898)
- 14—When Great Herds Come to Drink
- 15—Close Quarters
- 16—Capturing the Grizzly
- 17—Cinch Ring
- 18—Caught With the Goods
- 19—Cowboy Life
- 20—Call of the Law
- 21—Carson's Men
- 22—Chief Joseph

- 23—Crow Chief
- 24—Cowboy Sport
- 25—Desperate Stand
- 26—Deadline of the Range
- 27—The Challenge (Wild Horse Fight)
- 28—Dangerous Cripple
- 29—Discovery of Last Chance Gulch
- 30—Early American
- 31—Elk in Lake McDonald
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- 33—First Wagon Trail
- 34—Finding the Trail
- 35—Heads or Tails
- 36—Heading the Right Way
- 37—In Without Knocking
- 38—In the Wake of the Buffalo Runners
- 39—Innocent Allies
- 40—Indian Love Call
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- 42—Jerklene
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- 53—Planning the Attack
- 54—Pipe of Peace
- 55—Price of His Rope (or who killed the bear)
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- 90—When Wagon Trails Were Dim
- 91—When the Trail Was Long Between Camps
- 92—White Man's Skunk Wagon
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tion of cattle, the study was started by placing feeding sites in pasture 9 both at and away from water, and away from water, only, in pasture 10. These feeding methods were reversed the second year of the test. Thus, in pasture 9, eight feeding sites, two at water and six away from water, were established in 1950. In 1951, a total of seven sites was used in this pasture, all from $\frac{1}{2}$ mile to $1\frac{1}{2}$ miles away from water. For pasture 10, seven sites were used in 1950, ranging from $\frac{1}{4}$ mile to 3 miles from water. In 1951 nine sites were used, two of which were at water and the others at the same location used the year before.

The reversal of feeding methods was used to balance such factors as the different sizes and shapes of the pasture areas, travel distances to water, and the segregation of steers and heifers.

Other factors which affect distribution of livestock are rainfall and forage growth. Rainfall data were collected from five rain gauges, two in pasture 9 and three in the larger area of pasture 10. Annual rainfall for the test period was only 74 per cent of the long-time average for the pastures in which supplement was placed at and away from water and only 69 per cent of average for the pastures in which the mix was placed at water only. However, seasonal rainfall, from July through September, was only slightly below average in both pastures, and because of favorable timing, was effective for forage growth. Summer forage yield, which makes up most of the year's production and must carry the herd through until the start of growth the following summer, was slightly above average for both years.

Precipitation subsequent to the summer rains often influences distribution of cattle by causing fresh growth of winter weeds and grasses which is eagerly sought by cattle. During the test period, however, winter and spring growth was not a factor in livestock distribution.

The pastures were stocked as closely as possible to the grazing capacity as determined by a forage inventory completed each year just before the yearlings were placed in the pastures. In using the forage inventory to set the stocking rate it was recognized that some areas near water would be too heavily grazed while more remote parts of the pastures would not contribute their full share of forage. Average stocking of pasture 9 was 109 head for the two years of the test, and for pasture 10, 145 head.

Utilization measurements were made at the close of the grazing year, using paced transects. The utilization information provided the basis for mapping the pastures into use zones to show grazing pattern. In these use zones "light" expresses a degree of grazing when less than 30 per cent of the total herbage is removed; "proper" when 30 to 49 per cent is taken; "heavy" when 50 to 69 per cent is grazed; and "excessive" when over 70 per cent of the total volume is grazed. These use standards have been developed for black grama on loose sandy soils such as occur in the test pastures.

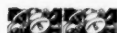
The determination of the actual use that had been made of the pastures when grazing was terminated also provided a check of the accuracy of the forage inventory, and correctness of the stocking rate. It was found that in the feeding at and away from water the average stocking for both pastures was about 4 per cent below estimated capacity. The two-

Thanks

We extend our sincere thanks to all in attendance at the Brook-Shahan Sale on November 11. Our special thanks and very best wishes to the buyers listed below.

C. C. Smith.....	Christoval, Texas	Four Wynnes Angus Farm	Dallas, Texas
Joe A. May.....	Fort Worth, Texas	P. I. Matson.....	Brownwood, Texas
Triple J Ranch.....	Poteet, Texas	J. Paul Karcher.....	Midland, Texas
Black Mark Angus Ranch	Lewisville, Texas	Mrs. G. D. Fox.....	Rogers, Arkansas
Larry Rogers, Valley Ranch	Boerne, Texas	Sunbeam Farms.....	Miami, Oklahoma
Mecom Angus Ranch.....	Houston, Texas	Sun Lake Ranch.....	Lutz, Florida
Mel Arnett.....	San Antonio, Texas	Seventy-Seven Ranch	Wichita Falls, Texas
M & L Ranch.....	Burnet, Texas	Shady Oak Ranch.....	Goldthwaite, Texas
James C. Tucker.....	Buda, Texas	O. B. Schnitz.....	Pleasanton, Texas
W. R. Cammack.....	Johnson City, Texas	A. W. Hickey, Jr.....	Dublin, Texas
A. T. Licata.....	San Antonio, Texas	J. V. Hampton.....	Fort Worth, Texas
Essar Ranch.....	San Antonio, Texas	Jim A. Blair, Jr.....	Kyle, Texas
Dr. Harvey Renger.....	Hallettsville, Texas	L. H. Bowie and Son.....	Frisco, Texas
Maurice Cohen.....	San Antonio, Texas	M. E. Grote.....	Mason, Texas
Joe Benton.....	Nocona, Texas	Chesher-Bradford.....	Littlefield, Texas
		Flynn W. Stewart	Wichita Falls, Texas
		James W. Shook.....	San Saba, Texas

Merry Christmas
and
Happy New Year
TO ALL



Tommy Brook Ranch

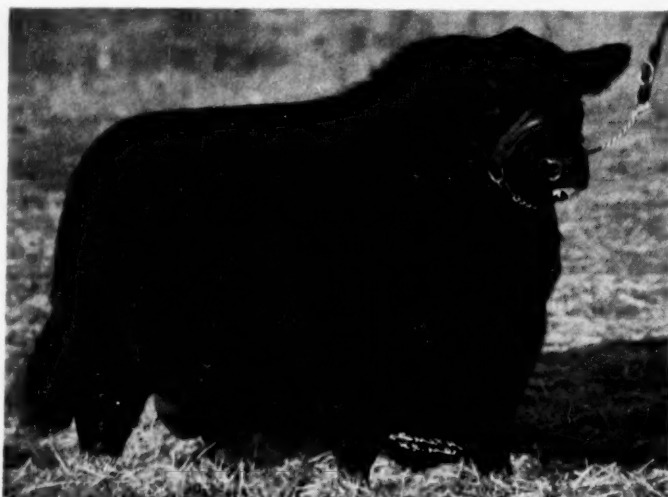
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five years, \$8; foreign, one year, \$4.



PRINCE ENVIOUS of AMES

AN ESSAR BARGAIN DAY AT NOCONA, NOV. 8

Selling 18 cows—all bred to one of the Essar Greats—Prince Sunbeam 328, Prince Envious of Ames and Shadow Isle Prince 37th (the champion son of the "328"). Some of these cows have some age on them. However, only the good producers reach an older age in the Essar herd.

The calf crop will be worth more than their mothers.

At Nocona have a look—Essar Bargain Day, Nov. 8.

TOM SLICK PAUL KEESEE TOMMIE STUART ARTHUR GEE

ESSAR RANCH

SAN ANTONIO, TEXAS

year average rate of stocking for out-station feeding tests was approximately 11 per cent below estimated capacity.

Consumption records of the meal-salt mix were maintained to determine if out-station feeding would reduce the amount of the ration eaten. Where the supplement was placed both at and away from water, separate records were maintained of the amount of mix used at each location.

Use Pattern Improved by Out-Station Feeding

The tests indicate that the out-station feeding of the meal-salt mix is superior to feeding both at and away from water for improving livestock distribution. Feeding away from water, only, as compared to feeding at and away from water, improves the pattern of grazing use by (a) essentially eliminating the small area of excessive use, (b) reducing the heavy-use zone by approximately half, (c) increasing the properly used area by 84 per cent, and (d) reducing the area of light or no use by 29 per cent. Thus, the area of overuse which damages the range, and the area of underuse which wastes forage were lessened, while the area used to a degree that would yield the most forage and yet maintain the valuable grasses was increased.

In feeding at and away from water most of the supplemental feed, about 80 per cent, was taken from the troughs located at water. The out-station sites were not very effective in attracting the yearlings as long as the mix was available at water. This resulted in increased trampling and local overgrazing. The practice of feeding the meal mix entirely at water would have an even greater detrimental effect on distribution of livestock grazing.

The improvement in distribution accomplished by feeding away from water was obtained with no injurious effect on the animals. Cattle being fed away from water were closely watched as some of the feeding sites were as far as three miles from water. Observations failed to reveal any traces of "salt poisoning" or other harmful effects. The low proportion of salt in the meal doubtless reduced the hazard, yet the mix contained enough salt to effectively regulate its consumption. After leaving the feeding stations, the cattle did not travel straight from salt to water, but continued to graze in the vicinity. This agrees with the findings of Bentley (1941), who showed that on California bunchgrass ranges cattle salted away from water spent an average of seven hours and 40 minutes in going to water after leaving the salt ground.

Better Weight Gains Produced by Feeding At and Away From Water

An average of 0.17 pound per head greater daily weight gain at the time the steers were sold resulted from feeding the meal-salt mix at and away from water as compared with the out-station feeding. The consumption of the supplement was also greater, but not proportionately so, resulting in more efficient weight gains per pound of feed used. Gain per pound of feed averaged 0.07 pound or about 35 per cent more than in the out-station feeding.

These findings are in accord with expectations. Maximum rate and efficiency of gain would result if the yearlings obtained all of their nutrients at water and

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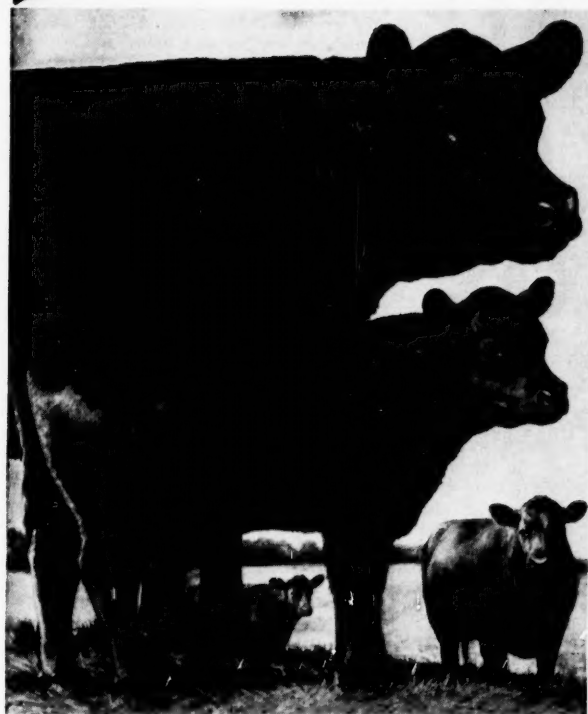
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NOCONA, TEXAS DECEMBER 8

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SELLING:

300 Registered cows with calves and bred cows
20 Herd Bull prospects and top range bulls

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ANGUS BULL SALE WEDNESDAY DECEMBER 9th SAN ANGELO, TEXAS

Selling 85 Head Top Range Bulls • Herd Sire Prospects

QUALITY is more IMPORTANT today than ever before, and this bull sale offers you an opportunity to secure Angus bulls that will put QUALITY in your next calf crop. Here you can select from the TOP BULLS from three good Angus herds. All of these bulls have been range-raised and grain-fed. They are in strong breeding condition. Our many REPEAT CUSTOMERS—who are topping the market by a wide margin are the BEST REFERENCES we can give. Bargains in outstanding Bulls, Dec. 9th, at San Angelo, Texas.

Sale begins at 1:00 p. m., San Angelo Livestock Sale Barn

These Bulls Guaranteed in Every Respect

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This sale dedicated to the improvement of Commercial Angus

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A selected herd of 200 brood cows combining individuality and conformation with pedigree and producing calves from the best of imported Sunbeam and Eileenmere bulls.

JAMES C. TUCKER & SON, Owners

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had to expand no energy in foraging. In such a case the meal-salt mix would provide most of the ration and could not be considered a range supplement. The operation would approach essentially that of a feed lot.

The objective of sound range livestock operations is twofold: to maintain and efficiently use the range, and at the same time maintain normal growth and condition of animals. The need for and value of range supplements varies with weather and forage conditions, but on most south-western ranges some supplements are desirable. During the fall-winter-spring period heifers wintered with no supplements lost an average of 14.2 pounds per head in 1950 and gained only 16.4 pounds per head in 1951. This study indicates that meal-salt mix placed away from water will not only favor uniform grazing but will also promote satisfactory growth and development of yearling steers for market and bring replacement heifers through the winter in good thrifty condition.

Summary

Trials conducted on the Jornada Experimental Range in southern New Mexico show that out-station feeding of meal-salt ration can be used as an effective tool for obtaining more uniform grazing use of the range by cattle. In these self-feeding tests the supplement was placed at and away from water in one pasture and away from water only in a second; the feeding method was reversed in the test pastures the second year.

Results of the two-year test show a marked improvement in the use pattern with out-station feeding. The proper-use zone of the test pastures was increased 84 per cent while the too heavily used zones near water were reduced by 52 per cent. The lightly used area was reduced by 26 per cent. Feeders made satisfactory weight gains and wintered in good condition under both methods of feeding, but feeding at water, only, resulted in greater supplemental feed consumption, and greater weight gains. The dual purpose of range feeding, to maintain condition and growth of the feeders and at the same time to secure most efficient use of range forage, was best realized by the out-station feeding.

Throughout the two-year feeding test no harmful effects were observed in feeding cattle the meal-salt mix at considerable distances from water.

Literature Cited

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Cardon, B. P., E. B. Stanley, W. J. Pistor and J. C. Nesbitt. 1951. The use of salt as a regulator of supplemental feed intake and its effect on the health of range livestock. Ariz. Agr. Expt. Sta. Bul. 239.

Mrs. Housewife—not the rancher, meat packer or butcher—is the real “boss” when it comes to determining and maintaining meat prices, although she more than likely doesn’t realize it. It’s her combined demand for the available supply that determines prices. The average family in the United States spends about 5½ per cent of its spendable income for meat. That was the proportion spent in 1952, and the same percentage was spent 25 years ago.

The average adult eats his weight in food every 6 or 8 weeks—or little more than three-fourths of a ton of food a year.



ABERDEEN-ANGUS ASSOCIATION

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REGISTERED ABERDEEN-ANGUS RANGE BULL SALE

**SELLING 100 RANGE BULLS
DECEMBER 12 at 1:00 P. M.
WICHITA FALLS, TEXAS**

Wichita Livestock Auction

The Texas Aberdeen-Angus breeders have gone all out in selecting young, well grown out, uniform bulls that are ready to go on and breed market toppers.

To convert feed efficiently, for a larger calf crop, heavier, naturally hornless calves and to command premium prices . . .

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HIS SHOW RECORD

• Grand Champion Bull, 1953 National Angus Show, Hutchinson, Kansas.

• Junior and Grand Champion Bull 1953, Fort Worth, and 1953, San Antonio.

• Junior and Reserve Grand Champion Bull at:

1952 International Livestock Exposition, Chicago.

1952 American Royal, Kansas City, Mo.

1952 National Angus Show, Tulsa, Okla.

1952 National Show, Lincoln, Neb.

1953 Houston Fat Stock Show, Houston, Texas.

His service will be featured February 18, 1954, in the "HR-77" sale at Kerrville, Texas.

The females carrying his service are members of such sought after families as Blackcap Bessie, Gammer, Barbarosa, Georgina, Chimera, Witch of Endor, Jilt, Mignonne, Blackcap Effie, Hartley Edella, and others. They are show heifers and top individuals sired by the better bulls of the breed.

A Special Offer at Private Treaty
 25 good young cows, several with calves at side and others rebred to our herd bulls.
 ALSO 15 range bulls ready to go to work—reasonably priced.

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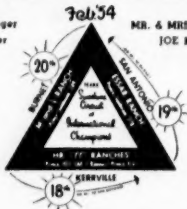
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FOR CATALOG: Write
 Joe Hays, Sales Mgr.,
 300 West 28th St., Austin 8, Texas.



Texas Aberdeen-Angus News

By GLENN L. TOLE

Sec'y-Treasurer

Texas Aberdeen-Angus Ass'n.

LITTLE doubt was left in the minds of commercial cattlemen October 30 and 31 as to the kind of feeder calves buyers prefer.

During the 9th Annual Chicago Feeder Cattle Show and Sale 363 loads of straight bred calves, representing the three major beef breeds, were shown and sold.

Aberdeen-Angus calves brought around \$5 more per hundredweight than the average on all classes of straight bred calves.

The reserve grand champion lot, a load of Aberdeen-Angus, out-sold the champion lot by 8½¢ per pound to bring \$60.50 a hundredweight. They weighed 470 pounds to bring \$284.35 per head while the champions, calves of another breed weighed 409 pounds and brought \$212.68.

The average price on all classes for the 363 straight-bred loads was \$21.71 per hundredweight, while the Angus returned \$26.48 or 21.97 per cent above the general average.

Due to the changes that have occurred in the cattle market, feeders realized that they must feed the kind of steers that are preferred by the packers and in turn the consumers.

Down through the years the Angus breed has proven its worth to the packers by winning 96 per cent of the carcass contests and, to the feeders, by taking 75 per cent of the champion carload lots and 67 per cent of the group of three steers at the International contest in Chicago.

This type contest, a true measure of a beef steer, will continue to give Angus the preference because of their ability to dress out a higher percentage, their thicker natural fleshing and the superior quality of meat they hang up in the cooler.

It seems that the buyers have made it plain as to the kind of calves we here in the Southwest must produce to top the feeder market.

Commercial breeders will have an opportunity to start turning their herd black and receiving the advantage of hybrid vigor and higher market prices at Wichita Falls, December 12. Registered Aberdeen-Angus bulls, 100 in number, will be sold at the Wichita Auction Company.

Cattlemen who prefer to buy registered cows and raise their bulls will have an opportunity to do so by attending the cow and calf sale at Nocona, December 8, and the fitted female and bull sale at Fredericksburg, December 11.

Texas breeders continue to place their confidence in the Angus market by topping the two sales held in Oklahoma recently. The Southwestern Regional in Tulsa was topped by J. W. Gorman, owner of JJJ Ranch near Poteet. He purchased a Blackcap Bessie for \$4,200 while J. V. Hampton, Sondra-Lin Farms, Fort Worth, bought the second top heifer, a Gammer, for \$4,100. The next day Homer Deakins and Sons, Longview, paid \$4,500 for a Bessie heifer at the Quality Prince Sale in Stillwater.

The Lone Star Circuit consisting of the Luther T. McClung dispersion, Black Gold production sale, and the Brook-Shahan sale found Texas breeders taking all but a few of the cattle. Again they

RANCH LOANS

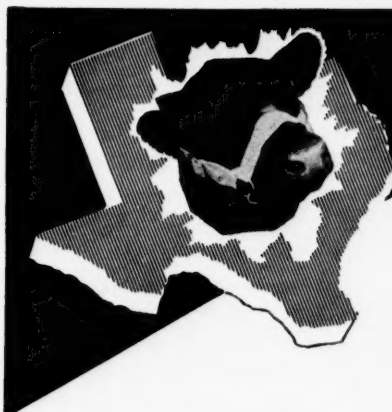
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Del Rio..... Grady Lowrey	Ozona..... Houston S. Smith	



Texas

ABERDEEN-ANGUS ASSOCIATION

FORT WORTH- SALE OF SALES!

Registered Aberdeen-Angus at the Southwestern Exposition and Livestock Show

Thursday February 4, 1954

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5 BULLS ★ 50 FEMALES

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FAMILIES



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COWTOWN CALENDAR

Aberdeen-Angus Range

Bull Sale, Feb. 1, 1954

Aberdeen-Angus Judging,

Wednesday, Feb. 3, 1954

**Texas Aberdeen-Angus
Breeders' Banquet,
Wednesday Night,
February 3, 1954**

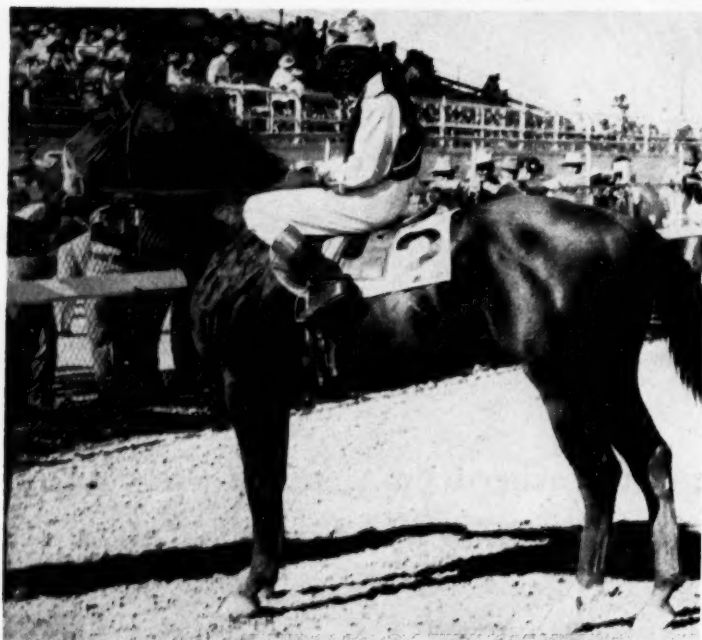
Texas Aberdeen-Angus

Sale, Thursday,

Feb. 4, 1954, 1 P.M.

LESTER GOODSON QUARTER HORSE REDUCTION SALE

Feb. 6th, 1:00 P. M. — J3 Ranch, Magnolia, Texas



Busby's Smart Texas — 36,932 — Texas Dandy by
My Texas Dandy. This AAA Stallion Sells

Selling 35 of the Nation's Top Horses

SUNUP H P-9258 by King P-234—A sire of using horses, several in reg. of merit.

REAL CHARGE by Depth Charge. Your chance for real breeding.

GOODSON'S CHUBBY ANN. An official AQHA Champion.

MAGNOLIA BLUE STREAK. Double AA rated running mare.

Some FLYING BOB brood mares.

Many top colt prospects, and a number of using geldings. Also selling two-year-old and three-year-old and aged mares by these studs: Flying Bob, Sunup H, Chubby W, Texas Dandy, Buster Waggoner, Little Joe, Pretty Boy, Ace of Diamonds, Chicaro, Joe Reed P 3 and Depth Charge.

For Information and Catalogues Write

ART BEALL, Sales Mgr., BARTLESVILLE, OKLA.

Attend the Sale on the 6th and See Houston Quarter Horse Show on 7th and 8th

paid the top prices to keep the quality cattle in Texas. The circuit was topped on a bid by Ed Festervan, New Boston. He purchased a coming three-year-old Gammer cow for \$4,000 in the McClung dispersion.

Aberdeen-Angus Transactions

Elsie May and Henry Hinkle, Jr., Lindsay, Okla., sold a bull each to Paul Heartsill, Springer, Okla., Rube Murphy, Roff, Okla., and A. M. Graham, Purcell, Okla.

Flynn W. Stewart, Wichita Falls, Texas, bought six cows from Vallemere Angus Farms, Wichita Falls.

Walter C. Zimmerer, Jr., Freehold, N. J., sold 12 cows to M. & L. Ranch, Burnet, Texas.

Simon Angus Farm, Madison, Kans., sold a bull each to Four Wynnes Cattle Co., Dallas, Texas; and Kenneth E. Grigg, Huntsville, Ark., and a cow to Fooks Angus Farms, Camden, Ark.

Six bulls were bought by Watt Henry, Adair, Okla., from Guy S. Conners, Adair.

Ralph E. Baird, Woodward, Okla., sold five cows and a bull to A. F. Carman, Carmargo, Okla., and a bull to Jackie Zook, Woodward, Okla.

Twenty-four cows and two bulls were bought by Dan R. Street, Sr., from Robert W. Shields, Wynnewood, Okla.

Arthur Dick Stock Farm, Bessie, Okla., bought four cows from J. K. Farris, Big Elm Angus Farm, Dill City, Okla.

Angus Valley Farms, Inc., Tulsa, Okla., sold two cows to Braemer Farms, Wap-pingers Falls, N. Y., and a bull to John A. Kilbie, Bowring, Okla.

Odell G. Daniel, Goodwell, Okla., bought ten cows from G. E. Travis, Follett, Texas.

Yolo Ranch, Ringwood, Okla., bought 12 cows from Jesse L. Dowdy, Otter-ville, Mo.

Marvin Vornkahl, Farmington, Iowa., sold three cows to C. T. Wilson, Clinton, Ark., and a cow to L. A. Ferguson, Jacks-boro, Texas.

Aberdeen-Angus Steers Champions at Two Shows

ABERDEEN-ANGUS steers made a clean sweep of major awards in the Bourbon Beef Show at Louisville, Ky. The grand champion steer was shown by Evelyn Quisenberry, 16-year old 4-H Club girl from Clark county, Ky.; the champion group of three steers was shown by Evelyn, Betty and Tommy Quisenberry; and the grand champion carload was entered by the Clark County 4-H Club. The reserve champion group of three steers was also Angus shown by Dixie Stock Farm, Lancaster, Ky.

The grand champion steer of the Eastern National Livestock show held at Timonium, Md., was an Aberdeen-Angus shown by C. E. Yoder of Muscatine, Ia. The reserve champion was also an Angus shown by Jack MacArthur, Port Deposit, Md.

We're pleased always with the Chuckwagon Column. The cartoon this month, April, is so clever. All the magazine is splendid and we feel it a privilege to be one of its readers, so as we enjoy the cookbook you will send us we will think of the Chuckwagon Column every time we use it. H. D. Sartin, Sulphur Springs, Texas.

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79%

King Ranch Quarter Horse Sale

SUMMARY

12 Colts	\$ 8,550; avg.	\$658
13 Fillies	9,535; avg.	795
25 Head	18,085; avg.	723

THE fourth annual Quarter Horse sale at the King Ranch, Kingsville, Texas, was held at the ranch Nov. 10 with 25 colts and fillies selling for an average of \$723. The offering represented the blood of such outstanding Quarter Horse stallions as Wimpy, Hired Hand, Dos de Oros and Rey del Rancho.

The Colombian government was the largest buyer at the sale, purchasing two colts and two fillies through its representative, Capt. Olympio Arenas of Bogota. The top price of the sale was \$1,450 paid by William Reynal of Argentina for a chestnut colt by Wimpy. One of the top fillies of the sale went to the Pat Lambert Ranch, Refugio, Texas, for \$1,200. Tom Slick of San Antonio paid \$1,000 for a filly by Hired Hand II and Bert Field of Dallas paid \$1,050 for another filly by the same stud and \$1,200 for a Hired Hand filly, tying the top price paid for a filly at the sale. Capt. Arenas paid \$1,050 for a colt by Dos de Oros.

Walter Britten of College Station, Texas, was the auctioneer.

National Polled Shorthorn Congress January 25-26

THE 14th annual National Polled Shorthorn Congress, to be held in Ocala, Fla., January 25-26, offers Shorthorn breeders over the nation an opportunity to spread the gospel of more and better Shorthorns in an area that is anxious to improve beef cattle herds. From Sept. 1, 1952, to March 15, this year, more than 1,000 bulls and more than 400 females of both Shorthorn and Polled Shorthorn breeding have been sold in Florida to expand and improve beef production there. The American Polled Shorthorn Society reports that 40 per cent more commercial bulls have been moved into the southeastern states during the past year and that many more and larger purebred herds of high quality, are needed in this region to fill this growing demand.

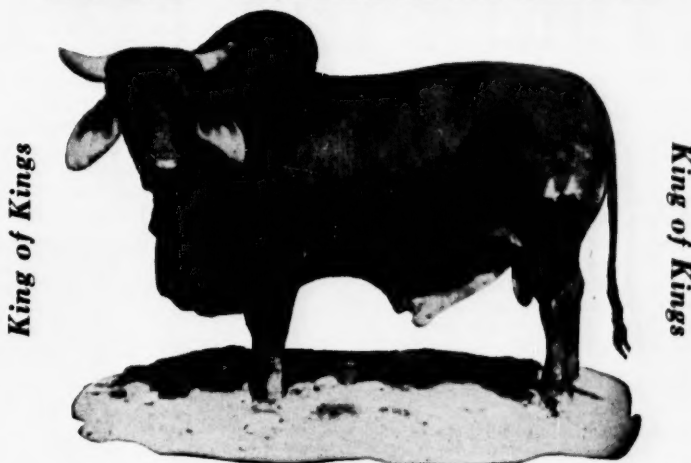
The National Polled Shorthorn Congress will be held in the pavilion of the Southeastern Fat Stock Show. The first day will be given over to judging the sale cattle, with W. H. Gregory, Ala., as judge. A choice selection of 50 bulls and 50 females, carefully selected for quality, will guarantee a premium offering of both purebred and commercial cattle. Catalogs are available by writing the American Polled Shorthorn Society, 7 Dexter Park Ave., Chicago 9, Ill.

The annual banquet and meeting of the association will be held the evening of the first day.

Allan C. Atlason, secretary of the American Shorthorn Breeders' Association, emphasizes that the bulls offered at the congress this year will be of age to go into immediate heavy service. The commercial bulls, in particular, will be the rugged, heavy boned kind that are needed for southeastern beef cattle production.

I have read several issues of The Cattleman at different times during the past several years, and have come to the conclusion that it is a magazine I do not want to miss.—Alice L. Nonnamaker.

REGISTERED RED BRAHMAN



RIO RED KING 144

The bulls pictured below are five of the eight bulls sired by Rio Red King 144 in his first year of breeding at 22 months of age. Truly great two-year-olds, these five outstanding herd sire prospects are being used in our herd now.



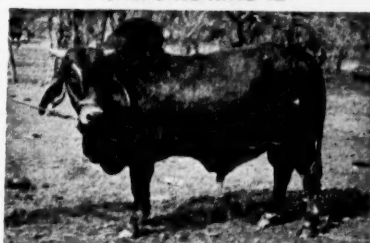
CHEROKEE KING 44



CHEROKEE KING 42



CHEROKEE KING 40



CHEROKEE KING 41



CHEROKEE KING 47

CHEROKEE RANCH

Cherokee (San Saba County), Texas

C. E. YOAKAM,
Owner

Office: SAN SABA, TEXAS
(P. O. Box 152)

Four Santa Gertrudis Sales Average \$2,680 on 133 Head

FOUR Santa Gertrudis sales held in Texas during the week of November 9-14 were indicative of the strong demand for breeding stock of this new breed when 133 head of cattle sold for \$356,395, bringing an average price of \$2,680. Buyers from all sections of the United States and several foreign countries were present at the sales and created a strong demand for the cattle.

Sales were held by the King Ranch at Kingsville, Texas, on Nov. 10 with an offering of 24 bulls; the Kleberg County 4-H and FFA members and South Texas members of the Santa Gertrudis Breeders International with 24 heifers; the San Antonio Pioneer Breeders female sale with 40 head and the East Texas Santa Gertrudis Breeders Association sale held at the Texas Research Foundation at Renner, Texas, with an offering of 45 head of bulls and females. Walter Britten of College Station, Texas, was auctioneer at all four sales.

Averages and principal buyers of each sale are listed below:

KING RANCH BULL SALE

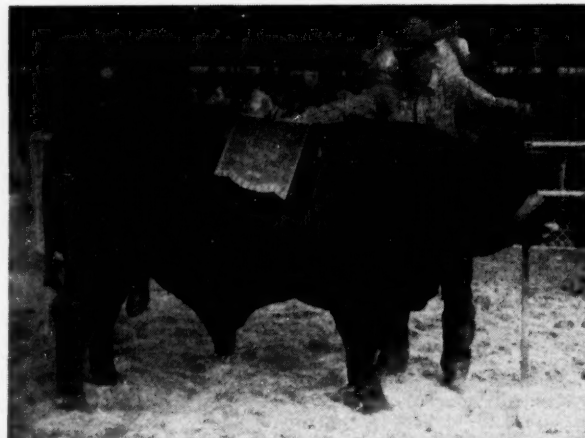
SUMMARY

24 Bulls \$202,550; avg. \$8,440

The fourth annual sale of Santa Gertrudis bulls by the King Ranch, held Nov. 10 at Kingsville, Texas, brought an average of \$8,440 for the 24 head offered. This was slightly below the 1952 average price of \$8,583. Winthrop Rockefeller,

buying for his Win Rock Farms at Morrilton, Arkansas, paid \$31,500 for a cherry-red young bull to top the sale. Second highest price paid was \$21,500 for a bull going to William DuPont of Wilmington, Del. Rockefeller paid \$20,000 for the next top price. The Colombian Government headed the list of individual buyers, purchasing four bulls for use in its program of beef cattle improvement in that South American republic. DuPont purchased three bulls, as did C. A. McDaniel of Uvalde, Texas. Louis J. Roussel of New Orleans paid \$15,000 for a bull and a like amount was paid for another animal by C. A. McDaniel, Alvaro R. Sanchez of Cuba and McDaniel each paid \$10,000 for a bull.

Champion Santa Gertrudis bull of the Coastal Bend Livestock Show, Alice, Texas, owned by Ed Magill of Alice, and shown by Wright Clark.

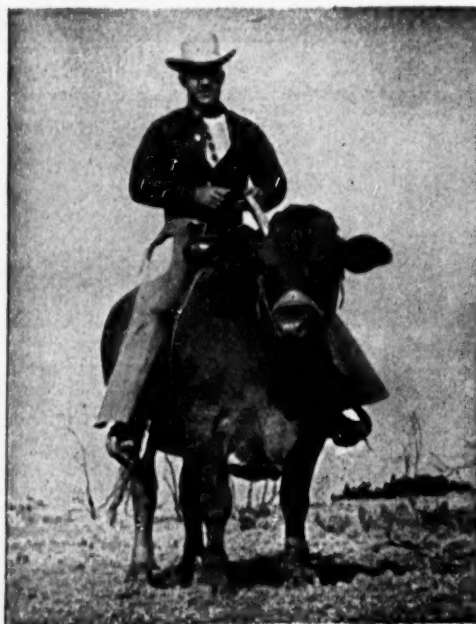


KINGSVILLE HEIFER SALE

SUMMARY

24 Head \$26,125; avg. \$1,088

Winthrop Rockefeller, owner of Win Rock Farms, Morrilton, Arkansas, was the largest buyer at the Nov. 10 auction of Santa Gertrudis heifers offered jointly by South Texas members of the Santa Gertrudis Breeders International and Kleberg County 4-H and FFA members who had conditioned the animals. Rockefeller purchased eight of the heifers and paid the top price of \$3,500 for a heifer bred by Jack Maltsberger of Cotulla, Texas, and conditioned by Bill Brodnax, Kingsville 4-H Club member. Rockefeller paid \$2,000 for a heifer bred by O. R. Mitchell of San Antonio, Texas, and conditioned



All of our breeding was purchased from the original Lasater Beefmaster herds now located at Falfurrias, Texas, and Matheson, Colorado.

We are developing a herd of "Polled" Gibson Beefmasters and are in the market for polled Beefmaster calves of outstanding quality.

We think we have some of the tops of the breed, and we will be glad to show our cattle and talk Gibson Beefmasters at any time.

Vocational Ag and Club Boys' classes are cordially invited to visit our ranch and see Gibson Beefmasters at work.

We will sell 5 Gibson Beefmaster Bulls—2-4 years old—Red—Range Raised and Ready.

◀ PUNKINSEED, a Gibson Beefmaster steer—weight at 22 months of age, 1630 pounds.

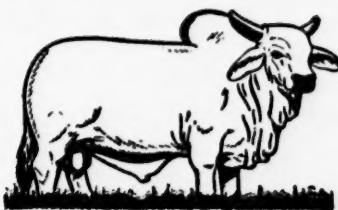
GIBSON BEEFMASTERS

DAN GIBSON
SNYDER, TEXAS

Phone 3-3024

Clairemont Route

ANNOUNCING



TWO OUTSTANDING BRAHMAN EVENTS

1 Sale of Herd Sire and Show Heifer Prospects

All animals halter broken

Excellent type quality

Sam Houston Coliseum • Houston Fat Stock Show

Friday, February 12th, 1954 • 2 p. m.

S. I. Stratton, Chairman

Walter Britten, Auctioneer

2 Sale of Registered Range Cattle

Approximately 50 bulls and 25 heifers to be sold at

Port City Stock Yards, 4905 Calhoun Rd., Houston, Texas

Saturday, February 13th, 1954 • 1 p. m.

J. D. Sartwelle, Chairman

Walter Britten, Auctioneer

WE HOPE TO SEE YOU ON FEBRUARY 12th AND 13th

Houston Area Brahman Breeders Assn.

Houston, Texas

by James Livergood, 4-H youth. Another heifer, bred by the Worth Wright Ranch of Kingsville and conditioned by 4-H Club Everett Weeks, sold for \$2,000 to Joe Ballinger of San Benito, Texas. Another Jack Maltberger bred heifer, conditioned by John Donoho, 4-H Club youth, sold to W. W. Callan of Waco, Texas, for \$1,600.

SAN ANTONIO HEIFER SALE

SUMMARY

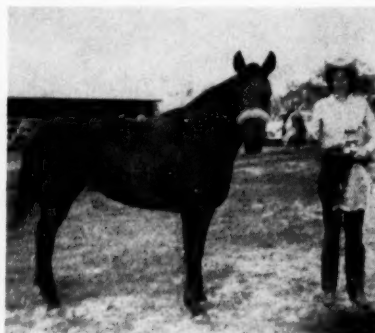
40 Head \$72,675; avg. \$1,866

The second annual sale of Santa Gertrudis heifers sponsored by the Pioneer Santa Gertrudis Breeders was held Nov. 11 at the Briggs Ranch at San Antonio, Texas, and the 40 heifers offered averaged \$1,866, compared to last year's average of \$1,644 on 44 head. The Pioneer group is composed of 12 South Texas breeders who consigned cattle to the sale.

Top price of the sale was \$5,000, paid for a heifer consigned by John Martin of Alice, Texas, and going to G. W. Adkisson, buying for Winthrop Rockefeller of New York whose ranch is located near Morrilton, Arkansas. Adkisson also paid the second top price of \$4,000 and the third top price of \$3,500, both of the animals being consigned by John Martin.

Eight head of the females went to three foreign countries and another 24 head went to out-of-state buyers, representing 21 states. Capt. Olympio Arenas bought three head for the Institute of Colonization, a department of the Colombian government. Another Colombian, Julio Robelledo of Bogota, bought one heifer and William Reynal of Corrientes, Argentina, purchased three head for a total of \$5,150.

Four heifers sold for \$3,000 each. Consignors of these animals were R. W. Briggs, Jr., selling to John Murchison of San Antonio; R. W. Briggs, Sr., selling to Winrock Farms; Walter W. Cardwell, Jr., selling to P. L. Vineyard, Wharton, Texas; and Jack Maltberger, selling to Louis Roussel, New Orleans. A heifer consigned by Walter Cardwell, Sr., sold for \$2,200 to William Reynal. Winrock Farms paid \$2,400 and \$2,200 for two heifers consigned by Dr. J. K. Northway of Kingsville, Texas.



Pistol Pearl, owned and exhibited by Merle Mahoney of Jourdanton, was named grand champion mare, then went on to win the grand champion trophy of the entire Quarter Horse show held in conjunction with the Coastal Bend Livestock show in Alice, Oct. 24. Dr. J. K. Northway of the King Ranch judged the show.

EAST TEXAS ASSOCIATION SALE

SUMMARY

12 Bulls	\$14,145; avg.	\$1,179
33 Females	41,000; avg.	1,242
45 Head	55,145; avg.	1,225

The first consignment sale of both bulls and females sponsored by the East Texas Santa Gertrudis Breeders Association was held at the Texas Research Foundation, Renner, Texas, Nov. 14, where 45 head sold for an average price of \$1,225. Cattle sold to buyers from five states.

Top selling bull of the sale was an animal consigned by J. W. Murchison's Clear Creek Farms, Eustace and San Antonio, Texas, which sold on a bid of \$4,500 to Mrs. W. W. Callan of the Callan Santa Gertrudis Ranch, Waco, Texas. Top selling female was a heifer calf consignment of Dan Lester's Guarding Oak Ranch which sold for \$4,500 to Winthrop Rockefeller of New York, who purchased the animal to stock his Winrock Farms in Morrilton, Arkansas; Rockefeller was one of the major buyers of the sale offering, taking six females for a total of \$13,925. Rockefeller purchased a heifer consignment of Alexander and Wheatley's Cresslen Ranch, Trinidad, Texas, for \$4,000 for the third top price of the sale.

Cresslen Ranch purchased a bull consigned by Tom & Ray Cowart, Henderson, Texas, on a bid of \$2,000. Louis Roussel of New Orleans, Louisiana, one of the major buyers, purchased a yearling heifer consigned by Rush Creek Ranch, Kerens, Texas, for \$2,000. Robert E. Fielder of Van Alstyne, Texas, paid \$1,525 for a heifer consignment of Matthew Cartwright, Terrell, Texas. B. T. Woodard of Greenville, Texas, another major

WE ANNOUNCE

The Establishment of Our Herd of

Registered Aberdeen-Angus Cattle

With the purchase of the entire herd of Registered Cattle from Negras Angus Ranch,
owned by R. E. and Randy G. Moore of Omaha, Texas

This herd is composed of fifty-four fine females of such families as: Gammers, Blackcap Bessies, Zaras, Witch of Endors, Edwinas, Porthlethen Lucys, Maid of Bommers, Hartley Edellas and other good families. We are also proud to acquire the two great herd sires: Quality of Ada 2d No. 1386115, that great breeding son of Quality Prince 17th. Chimera Prince 2d No. 1068762, a great son of Black Prince of Paris 2d, he by the illustrious Prince Sunbeam 29th. Under the management of Jimmy Myrick, former owner of Sunnybrook Farm of Sulphur Springs, Texas, we plan to build one of the better herds of the Southwest.

We invite you to visit us at any time.

BYARS ROYAL OAKS

9 Miles E. of Tyler on Highway 271 to Gladewater

B. G. BYARS, Owner
319 Citizens National Bank Bldg.
Tyler, Texas

JIMMY MYRICK, Manager

buyer, paid \$1,500 for a Murchison heifer consignment. C. E. Kennemer, Jr., of Dallas paid \$1,500 for a Murchison bull consignment. A bull consigned by Leo Butter, Longview, Texas, sold to John G. Phillips of Ramona, Okla., for \$1,400.

Santa Gertrudis Breeders International Reports Progress

THE continued steady progress of Santa Gertrudis beef cattle and the Santa Gertrudis Breeders International was reported at the association's annual meeting held at San Antonio November 12. Attendance was approximately 300.

Highlights of the meeting included:

(1) Report that the sale of classified cattle the past fiscal year was three times greater than the preceding year, increasing from 649 to 2,105 head.

(2) Report that the association, with the cooperation of authorized state agencies, is sponsoring the testing of Santa Gertrudis cattle for rate-of-gain. Dr. A. O. Rhoad, S.G.B.I. executive director, said this is the first parent breed association to undertake a program of this type.

(3) Report that 9,642 cattle were presented for classification, making a grand total of 26,554 head presented since the classification program started.

(4) Report of an increase of approximately 20 per cent in the association membership, bringing the total to 436. A total of 84 members were added the past fiscal year. New members were added from Australia and Argentina, the first time those two countries have been represented.

(5) Approval of the Colombia Santa

Gertrudis Breeders Association, as an affiliate, the fifth such local group to receive this recognition. The others are Florida Santa Gertrudis Association, Oklahoma Santa Gertrudis Breeders Association, East Texas Santa Gertrudis Association and the LaSalle County Santa Gertrudis Breeders Association.

The association's officers were re-elected for another term as follows: Major Tom Armstrong, Armstrong,

Texas, president; Richard M. Kleberg, Jr., Kingsville, Texas, vice-president; John Gillett, Kingsville, secretary; R. W. Briggs, San Antonio, treasurer.

Two new directors were elected, Haden Rucker, Jr., Okmulgee, Oklahoma, and Leo Butter, Longview, Texas, and two directors reelected, Tobin Armstrong, Armstrong, Texas, and Leroy Denman, San Antonio.

Announcement also was made of the selection of R. P. Marshall, county agricultural agent of Falls county, as the new executive secretary starting in December.

Major Armstrong, in his annual report, cited the association's successful shows at the Gregg County Fair and Texas State Fair, and the exhibit at the San Francisco Cow Palace of a show herd. It was the first time Santa Gertrudis cattle have been on exhibit west of the Rockies, and they attracted unusual attention from the West Coast cattlemen.

Dr. R. E. Patterson, vice-director of the Texas A&M Agricultural Experiment Station, addressed the members on "Rate of Gain in Beef Cattle," and Charles E. Ball, associate editor of The Farm Journal, spoke on the subject, "Have Purebreds Jumped the Track?"

After making his report Dr. Rhoad flew to the Philippine Islands, where he was scheduled to present two papers on some of the technical aspects of Santa Gertrudis cattle before the Eighth Pacific Science Congress in Quezon City, November 16-28.

The Agricultural Research Center at Beltsville, Md., is one of the largest areas in the world devoted to farm research. It occupies 12,000 acres.



Little Nettie Hill, owned by J. M. O'Brien of Beeville and ridden by Michael Stoner of Uvalde, won the reining horse contest of the Refugio County Fair and horse show. Six-year-old Susan Hinant presents the trophy to Stoner.

WE WISH TO THANK:

Mr. B. G. Byars of Tyler, Texas, Byars Royal Oaks, for the purchase of our entire herd of Registered Aberdeen-Angus Cattle that we have so carefully selected the past year.

It is with regret that we announce this sale as we had planned to build one of the top herds in the Southwest. But due to the fact that Randy G. Moore is to fulfill his duty with Uncle Sam in the near future we feel that it is better to delay these plans until his return.

We feel sure that our good friend, B. G. Byars of Royal Oaks Angus Farm, will go on with this herd and build one of the greatest herds in the Southwest under the management of Jimmy Myrick. We urge those interested in Aberdeen-Angus Cattle to visit the farm and look over their cattle.

THE NEGRAS ANGUS RANCH

R. E. MOORE

RANDY G. MOORE

OMAHA, TEXAS

Arizona Santa Gertrudis Cattle Certified for Registry

JEFF CHRISTIAN, official classifier for the Santa Gertrudis Breeders International, with headquarters at Kingsville, Texas, recently made a trip to the Yerba Buena Ranch near Nogales, Ariz., to classify Santa Gertrudis cattle on the ranch for registry. More than 50 cattlemen, including members of the Arizona Santa Gertrudis Breeders Association, were present as guests of Mr. and Mrs. Thomas F. Griffin, owners of Yerba Buena Ranch, according to the Arizona Daily Star.

The Santa Gertrudis cattle, recognized officially as a purebred in 1940, are still so new in the stabilized registry that the parent association is making every effort to maintain the breed standard and to eliminate the less desirable individuals. This process is being carried out in such classification checks as were conducted in the Griffin herd. Nineteen bulls were presented for classification. These bulls had come from the King Ranch, Kingsville, Texas, the original home of the breed, the Armstrong Ranch, Armstrong, Texas; the Seeligson Ranch near San Antonio and the Strain Ranch near San Angelo, Texas.

Out of the 19 bulls shown, Christian stamped the "S" brand on only nine, indicating that they were of quality justifying their use to improve the Santa Gertrudis breed. Six were marked with the "S Bar" showing them accredited for beef production but not qualified for herd sires. Four were rejected as not having the proper qualification to be registered in the breed books.

The same process was followed with a herd of 88 breeding cows and heifers. Forty-three were certified, 37 accredited and eight rejected.

During the process of classification Christian explained his reasons to the cattlemen after the cuts were made.

Members of the Arizona Santa Gertrudis Breeders Association present were: Tol Pendleton, Baca Float Ranch, Nogales; Joe Flieger, Painted Cave Ranch, Winkelman; Jack Humphries, Bard Ranches, Kirkland; Mr. and Mrs. Parker, Amado; and Thomas Griffin, Yerba Buena Ranch, Nogales.

Edwards Ranch

(Continued from Page 27)

demand as residential development sites.

Mrs. Edwards sells calves instead of steers as her husband did. She and her son are constructive breeders of commercial Shorthorn cattle. They improve their herd by the purchase of good bulls which are obtained from registered Shorthorn breeders in Texas. The Edwards Ranch has bought bulls from such outstanding Texas herds as J. Doss Miller of DeLeon, Scofield Ranch, Austin, and Fortenberry Brothers, Greenwood. Mrs. Edwards says that large numbers of good Shorthorn bulls are not available at prices the commercial breeder can afford to pay.

Mrs. Edwards believes that the Shorthorn is as good as any beef breed and one advantage of their cattle is that the cows maintain their weight and size when they become too old to use in the breeding herd and can therefore be sold for a good price when their breeding days are over.

The Edwards Ranch brands a C on the left jaw and the family has been a member of the Texas and Southwestern Cattle Raisers Association for many years.

Mrs. Edwards lives in an attractive ranch home on the property. Part of this ranch house was built by Casswell Overton Edwards before the turn of the century and is still being used as part of the present living quarters.

The Edwards family takes a great deal of pride in the ownership of their ranch in Tarrant County because of its history and the fact the five generations have lived or are now living on the ranch. They intend to continue their ranching operations even though their ranch, which was once the extreme frontier of Texas, is now in the heart of one of the largest urban areas in the state.

Coming out of an area of Texas where rainfall has been only 60 per cent normal, crossbred calves were market toppers at the San Antonio market last month. Homer Martin, Mason, reports his carload of calves topped the biggest cattle run of the year on a Monday, Oct. 12. His fleshy Shorthorn-whiteface calves sold for a feeder account. At the same time, another carload of crossbreds consigned by his brother-in-law sold for slaughter at the top packer price of the day. Martin states the calves did not have "a bite of concentrate or hay—only milk and such grass as they could find in dry pastures." They were eight months of age.

Valuable information to a beginner wherever he might settle is what I call The Cattleman.—C. I. Daugherty, Youngstown, Ohio.

Oklahoma Shorthorn Breeders HEIFER CALF SALE SAT., JAN. 9 ★ FORT COBB, OKLA.

SALE AT 1:00 P. M. in the F. F. A. SALE BARN

SELLING 100 HEAD OF SHORTHORN HEIFERS

30 PENS OF 3; TWO PENS OF 5

The Consignors Are:

Tom Adams.....Shawnee
Hubert Blasingame.....Duke
M. A. Caruso & Son.....Fort Cobb
D. I. Cheatham & Son.....Fort Cobb
J. A. Collier & Son.....Fletcher
O. H. Deason & Son.....Fort Cobb

C. E. Dilley.....Pawnee
Ivan F. Dilley.....Perry
Fred Dupy.....Billings
Dupy Bros.....Billings
W. D. Finney & Son.....Fort Cobb
I. V. Martin.....Alva
E. J. Menihan.....Billings

Cliff Milligan.....Hinton
D. B. Patterson & Son.....Alex
Spraggins Bros.....Duke
Tribble Bros.....Seward
James E. Wall.....Hunter
W. P. Wamsley.....Fort Cobb

C. D. "Pete" Swaffar - Auctioneer

These are top quality heifer calves under 14 months of age from the outstanding Oklahoma Shorthorn Herds.

For Catalog Write

Jim Whatley, Sale Mgr.
Animal Husbandry Dept.
Stillwater, Oklahoma

Attend the Caddo County
Shorthorn Field Day & Steer Show
Fort Cobb, Okla., Jan. 8-9

R. P. Marshall Named Executive Secretary of S. G. B. I.

R. P. MARSHALL, who has had extensive experience in livestock and agricultural work, has assumed duties in the newly-created post of executive secretary of the Santa Gertrudis Breeders International effective December 1, Major Thomas R. Armstrong, president of the association, has announced.



R. P. Marshall

For the past two years, Mr. Marshall has been county agricultural agent in Falls County. Prior to that he was Texas farm products agent for the Tennessee Coal and Iron Company for four years. He also served a 5-year term as agricultural agent of Walker county.

The new SGBI executive secretary has had considerable experience in vocational agricultural work, and has been judging cattle since 1945. He has judged at such shows as the San Antonio Livestock Exposition, Texas State Fair, Fort Worth Fat Stock Show, East Texas Fair and numerous county and district shows.

Mr. Marshall graduated from Texas A&M with honors in 1933. He served five years in the army, being honorably discharged as a major.

The son of V. C. Marshall, executive director of the State Soil Conservation Board at Temple, he is married and has two sons. He will make his home in Kingsville.

First Annual Plano Quarter Horse Show

THE first annual Quarter Horse show held at Plano, Texas, October 31 attracted many top horses and officials of the show were well pleased with their initial endeavor. Wm. B. Miller of Plano was superintendent and George Tyler was judge.

Brian H., shown by Bob Hunsaker, Carrollton, Texas, was grand champion stallion, and Gay Widow, shown by Julia Reed, Meridian, Texas, was grand champion mare. Paul Curtner, Jacksboro, Texas, showed the reserve champion stallion, Town Crier, and Loyd Jinkens, Fort



Grand champion mare of the Live Oak County Fair Quarter Horse show was Palangana Patricia (right), owned by J. J. O'Brien of Refugio, and the Reserve champion mare was Some Moore (left), owned by Thad and Rich Moore of Beeville. Bob Reagan is at the left, and Richard Ramon at the right.

Worth, showed the reserve champion mare, Lobo Reed.

Awards by classes follow:

1951 Colts: 1, Town Crier, Paul Curtner; 2, Brians Hombreirto, Bob Hunsaker.

1950 Stallions: 1, Poco Bill, Cotton Marriott, Mesquite, Texas; 2, Kings Man, D. B. Blaine, Dallas, Texas.

Aged Stallion: 1, Brian H., Bob Hunsaker; 2, Monsieur Joe, Gordon Brown, Little Rock, Ark.; 3, Blake Bailey, W. W. Barnes, Garland, Texas; 4, Spooks, G. H. Northington, Egypt, Texas.

Geldings: 1, Scharborur Dun, Jenkins and Scharborur, Fort Worth, Texas; 2, Moon (King), F. E. Anderson, Dallas, Texas; 3, Dusty Crum, J. C. Britton, Fort Worth, Texas.

Reining Class R. Q. H.: 1, Gay Widow, Julia Reed; 2, Scharborough, Loyd Jinkens; 3, Dusty Crum, J. C. Britton; 4, Melissa Lady, John Mays, Melissa, Texas; 5, Town Crier, Paul Curtner.

Working Stock Horse: 1, Dusty Crum, J. C. Britton.

Western Riding Horse Contest: 1, Scharborough, Loyd Jinkens; 2, Gay Widow, Julia Reed; 3, Dusty Crum, J. C. Britton; 4, Melissa Lady, John Mays; 5, Town Crier, Paul Curtner.

Filly, 1953: 1, Dinnie Moore, Austin Moore, Talulah, La.; 2, M&M Majors Mamie, Mr. and Mrs. Albert Payne, Gallen, Mich.; 3, Minnie Bert, Martel Smith, McKinney, Texas; 4, Spookie Day, E. R. Stewart, Dallas, Texas; 5, Little Margy, W. M. (Bully) Norton, Plano, Texas.

Filly, 1952: 1, Lobo Reed, Loyd Jinkens, Fort Worth, Texas; 2, Un-named, Paul Curtner, Jacksboro, Texas; 3, Sister Zan, Dale Moore, McKinney, Texas; 4, CandyLake Dee, Mrs. Ralph Russell, McKinney, Texas.

Filly, 1951: 1, Brian's Chita, Bob Hunsaker; 2, Red Hired Girl, Betty Todd, Fort Worth, Texas.

Filly, 1950: 1, Gay Widow, Julia Reed, Meridian, Texas; 2, Miss Fullwell, Cross L. Ranch, Vineyard, Texas; 3, Muller's Zee Boma, Mike Cusack, Fort Worth, Texas; 4, Princess Pat, Jessie Parker, Mesquite, Texas.

1949 and Before, Aged Mares: 1, Grey Lady Burke, Dee Burke, Comanche, Okla.; 2, Toy Adair, W. M. (Bully) Norton; 3, Dan's Stormy Play, Walking M Ranch, Plano, Texas.

1953 Colts: 1, Brian's Rico, Bob Hunsaker.

1952 Colts: 1, M&M Majors Mano, J. H. Brady, Rochester, Minn.; 2, Poco Briso, Guy Tate, Carrollton, Texas; 3, Ebony King, Tuly King, Plano, Texas; 4, Tom Boy Troy, D. L. Yarbrough, Garland, Texas; 5, Brians Sorrells, Bob Hunsaker.



Chapo, One of My Outstanding Charollaise Herd Bulls

- Pictured above is one of the outstanding CHAROLLAISE herd bulls of our herds. Our CHAROLLAISE Cattle are direct descendants from France out of Gudulio Garza Gomez Herd of Old Mexico.
- CHAROLLAISE cattle are not subject to pink-eye, cancer eye. They have more size for age and fatten at any age. They have the highest dressing percentage and highest quality of meat.
- The average weight of a full-grown CHAROLLAISE cow is between 1,540 and 1,760; bulls average between 2,200 and 2,640 pounds. Three to four-year-old steers reach weights from 1,870 to 2,640 and some have gone beyond 3,000 pounds.



We Have 15 Young Charollaise Bulls of Serviceable Age for Sale
(Yearlings and Past)



Member International Charollaise Cattle Raisers Association

YATES RANCH

Miss Billie Yates, Owner

VINEYARD, TEXAS

Phone 12

Control of Lice on Cattle Needs Attention Now

DAIRY and beef herd owners have been advised that measures should be started immediately to control lice if the pests are spotted on cattle.

The American Veterinary Medical Association said quick control measures could reduce the losses caused by these parasites and would protect the herds. Lice can cause serious anemia in cattle, sometimes terminating in death, if the parasite is not controlled.

"All cattle in the herd and their quarters should be sprayed with chlor-dane or lindane to destroy lice," the AVMA said. "If the weather is already too cold for spraying, a powdered chemical can be used."

Lice infestations are usually easy to spot in cattle. When animals start rubbing and scratching, they should be checked for parasites. However, the AVMA added that such skin irritation may be a symptom of hyperkeratosis or of mange or other skin conditions, so a veterinarian's diagnosis should be obtained. He can also recommend sanitation and control measures to help head off serious losses, the AVMA said.

Coastal Bend Livestock Show

THE 1953 Coastal Bend Livestock Show held at Alice, Texas, recently featured competitive classes of Santa Gertrudis cattle for the first time in the history of the event. More than 40 head of the new breed were entered in the show.

Ed Magill of Alice showed the cham-

pion Santa Gertrudis bull and Dr. J. A. Moet of Orange Grove, Texas, showed the reserve champion. Champion female of the Santa Gertrudis show went to an animal exhibited by John Martin of Alice, who also showed the reserve champion female.

Gorman Angus Ranch, Poteet, Texas, showed both the grand champion Aberdeen-Angus bull and the grand champion Aberdeen-Angus female. John Morgan of Alice showed the reserve champion bull and Gorman Angus Ranch has the reserve champion female.

For the first time the show featured the exhibition of Red Angus cattle owned by Mrs. S. Taylor McDaniel of Orange Grove, who has the largest herd of Red Angus cattle in the United States.

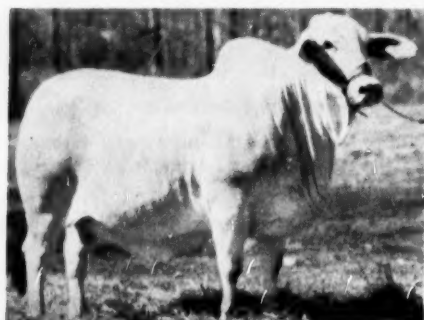
Bob Webb of Berclair showed the champion Hereford bull and Vonelle Markensson showed the reserve champion. Champion Hereford female was an animal owned by Richard Franklin of Alice.

Grand champion and reserve champion Brahman bull was shown by G. A. Parr of Alice.

In the junior division the grand champion steer of the show was a Hereford fed and owned by Tommy Jones, 4-H Club boy of Alice. Fred Hornsby, FFA boy of Premont, Texas, had the reserve champion.

All Progressive Ranchmen Read
The Cattleman.

Grand Champion
Brahman bull of the
Coastal Bend Live-
stock Show at Alice,
Texas, owned by G.
A. Parr.



MISS
HEROTO
MANSO

Undeclared in class
and Grand Champion
in the State Fair of
Texas 1949 and the
1950 Houston Show.

FOR SALE

We have for sale the following animals of the same breeding and bloodlines as Miss Heroto Manso (pictured).

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- Eight 18 month old heifers of the same breeding and bloodlines.
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Tops for Crossbreeding

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They stand more cold weather. At this time I
have a few of these bulls for sale. They are twos
and threes . . . **BEEF TYPE!**

Dr. T. M. NEAL
WHARTON, TEXAS

Superintendents For Fort Worth Show Named

SEVERAL men who have served as officials of the Southwestern Exposition and Fat Stock Show for 20 years or more will be superintendents of livestock departments of the 1954 show, dates of which are Jan. 29 through Feb. 7.

Dean W. L. Stangel of Texas Technological College will head the steer division; Rufus Peeples of Tehuacana will be in charge of the college livestock judging contest and another veteran, A. L. Darnell of Texas A. & M., will have charge of the dairy show.

W. A. (Bill) King, assistant manager of the exposition, will be superintendent of the livestock show; Assistant Manager Douglas B. Mitchell will be superintendent of the horse show and Walter Rice, field representative of the Fort Worth Stockyards Company, will be assistant superintendent of the livestock show.

Department superintendents and assistant superintendents were announced by President-Manager W. R. Watt, and besides those already mentioned, are:

Herefords—George T. Halsell, Fort Worth; Leon Turner, Swift and Company, Fort Worth.

Polled Herefords—Ernest Duke, Texas and Southwestern Cattle Raisers Association, Fort Worth.

Shorthorns—A. H. Caraway, DeLeon. Aberdeen-Angus—Gene A. Bales, Texas Electric Service Company, Fort Worth.

Brahmans—Bales.

Carlot-and-pen bulls—George R. Shepherd, Fort Worth, and Jack Bourland, Swift and Company, Fort Worth.

Sheep—Johnnie Vestal, Armour and Company, Fort Worth; Charles Prindle, Foley and Allen Commission Company, Fort Worth.

Steers—County Agent G. S. Blackburn, Throckmorton, and Walter Labay, vocational agricultural supervisor, Plainview, assistant superintendent.

College livestock judging—A. B. Childers, vocational agricultural supervisor, Mart, assistant superintendent.

Poultry, turkeys, rabbits—James R. Grubbs, Bryan; C. A. Hensarling, poultryman, Extension Service, College Station.

American National Cattlemen's Association Meets January 12-14

MANY Texans will have prominent roles at the 57th annual convention of the American National Cattlemen's Association in Colorado Springs, Colorado, January 12-14.

Considered to be the most important conference in many years, the convention program will include discussions on the basic economics and potentials of the beef business, research, marketing, transportation and beef promotion.

Taking part in the three-day program in the famed resort city will be representatives of the Texas and Southwestern Cattle Raisers' Association, American Brahman Breeders' Association, Highland Hereford Breeders Association, Northeast Panhandle Feeders' Association, and the Texas Hereford Association, all affiliated in the American National.

Particularly busy at the convention will be Jay Taylor of Amarillo, first vice president of the American National, and

T. L. Roach of Amarillo, president of the Texas and Southwestern Cattle Raisers' Association. Roach is a member of the National's general council and public relations committee.

Other Texans active as officers or members of the executive committee and other standing committees include Watt Reynolds, Jr., and J. M. Reynolds, Fort Worth; Joe B. Finley, Encinal; Frank Chambers, Canadian; Fred Hobart and E. S. F. Brainard, Canadian; Roy Parks, Midland; M. H. W. Ritchie, Paloduro; Jack Mansfield, Vega; J. E. White, Jr., and Hayes Mitchell, Marfa; and Joe B. Matthews, Albany.

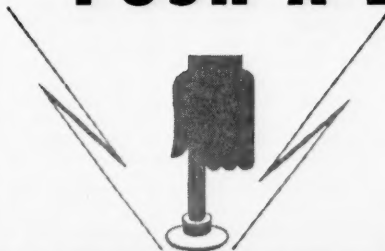
Advance reservations at Colorado Springs hotels indicate that a large delegation of Texans will join cattlemen and their families from 30 states at the con-

vention sessions and social events which will include a banquet, ball, barbecue, ice skating exhibition and hockey game.

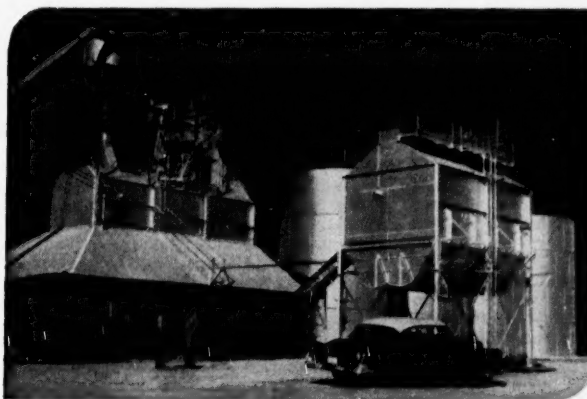
Also scheduled for the three-day period, which just precedes the National Western Stock Show in Denver, are the conventions of the American National Cow Belles and of the American National Junior Cattlemen's Association. Many Texans are active in these important groups.

As I was reading The Cattleman magazine which I can hardly wait for from one issue to the next I noticed in The Chuckwagon column, the meat recipe booklet that you would furnish to your readers. Will you please send me two of these booklets? Archie Scott, Hereford, Texas.

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Cost Ratios in Meat Prices

By JOHN W. STEPHENS

IN the past few months we have read in the papers and listened to radio commentators talk about the high price of retail beef and the low price of live cattle. They all wind up with the same \$64 question. Why? In the next few paragraphs we will examine some of the factors that cause this spread between prices.

Before we get started we want to relate a story we recently heard. A Southern Negro came into ownership of a very fine mule as a gift. Proudly he led the big animal home but try as he could it was impossible to make the mule work. Finally a neighbor suggested that he hire the professional mule trainer in the village to break the mule. When the mule trainer came out to the farm he walked around the mule a couple of times and then picked up a 2 x 4 and on the third trip around the mule administered four powerful wallops to the mule with the 2 by 4. Bug-eyed, the Negro said, "Man is you shur you is a mule trainer, because 'pears to me you'se goin' to kill dat mule?!" And the mule trainer replied, "Sure, I'm a mule trainer and I know my business but before you train a mule you got to, first, get his attention."

Now that we have your attention just stay with this dry bit of statistics until we get through taking some figures apart and putting them back together. Most readers of *The Cattleman* know from our previous articles that we always work from charts. As we have said before, a page of figures means little to us until we can put those figures into a chart and then analyze what we see in the picture.

In the spring of 1950 we were a guest at a testimonial luncheon given by the Advertising Club of New York City to Mr. Charles F. Kettering, vice-president and director of research of General Motors. In Mr. Kettering's talk to the club he poked a bit of friendly fun at the professional advertising men by saying that General Motors paid them a good fee to

Editor's Note: John W. Stephens is an investment counsellor and is presently in New York doing economic and investment research for his clients. This is the fourth article which he has prepared for The Cattleman. Other articles appeared in February, 1952, December, 1952, and May, 1953. Mr. Stephens is also author of the feature "Factors Affecting Livestock Investment Trends" which appears in The Cattleman each month.

When any of our readers have any questions or care to communicate directly with Mr. Stephens all letters sent to us will be forwarded to Mr. Stephens.

The statistical materials used in this article are from the Bureau of Agricultural Economics and the Production and Marketing Division of the United States Department of Agriculture and the United States Bureau of Labor Statistics.

write advertising copy but since a lot of folks could not understand what they were writing about then General Motors was always thoughtful enough to send along a colored picture of the automobile to run on the opposite page of the ad. Maybe our analysis will not be clear enough but perhaps you can get the gist of what we are talking about by studying the charts.

Let's get on with the story of these two charts. Along with each chart is a set of figures used in making these charts and they are taken from Bureau of Agricultural Economics reports and the Production and Marketing Division of the U. S. Department of Agriculture.

We will begin with the year of 1945 as the starting point since this was the last year of government price controls.

Some of you are aware that the government has been using the average prices for the years of 1947, 1948 and 1949 as being equal to 100 and make comparisons with the average prices for these three years. Therefore we will make our comparisons on the same basis; and, for the same period of time. We have used Chicago and New York prices for comparative purposes. We use Chicago because it is the controlling market for slaughter cattle in the Middle West and New York is no doubt the largest consuming center for meat. Generally where there is plenty of competition prices are lower, but also in large cities it costs more to operate a business and the cost of doing business holds up prices. We do not have available figures for all leading American cities. Prices in other areas will probably be in direct proportion.

Ratios

At the beginning it is well that everyone understands what we mean by ratios. In all kinds of buying and selling the question that is always uppermost in everyone's mind is, "Is the price right?" And by that we mean does the price seem to be in line with the prices of other items. A ratio study to an economist,

statistician or business man is nothing more than a series of long division problems. In solving for ratios we always use the price we are interested in as our denominator and the price of the item we want to relate it to as our numerator and our answer or quotient becomes our ratio. If we keep a series of answers each day or week or month we begin to see a trend. If the series of answers gets smaller it means that the price of what we have might decline. On the other hand, if our series of answers increases in size the chances are we will get a higher price for what we have to sell. Some market students call this an Index. When it is plotted on graph paper we can see which way the trend is moving. Some folks refer to this as a business barometer and, like weather barometers, when the line rises it is favorable to our property and when it falls then there is foul price weather ahead for us. There is an interesting thing about price trends and that is the tendency to continue in the same direction once it has been established. In a way it reminds us of the story about the retired weather man that had the highest record for accuracy in predicting the weather. When asked for the secret of his success he replied, "I always predict that the weather for tomorrow would be the same as it was today. Most of the time I was right."

What the cattle raiser is interested in is the relationship of the market price of live cattle to both wholesale and retail meat prices. So just remember to always use the price of live cattle as your denominator and market price of other items as your numerator.

In the table of statistics accompanying Chart No. 1 the denominator is the first item and Items 2, 3, 4 and 5 are the numerators and the quotients are listed below as items 6, 7, 8 and 9. On Chart No. 1 we have used only two ratio items, No. 6 which is shown as item No. 2 on the chart and Ratio Number 9 which is Item No. 1 on the chart. Ratio items Nos. 7 and 8 are computed for reference purposes only. Ratio Item No. 7 is correct even though it might seem out of line.

Chart No. 1

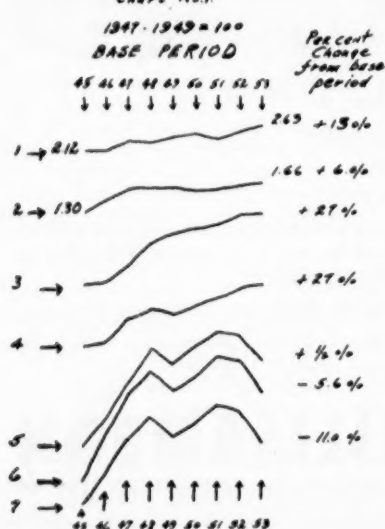
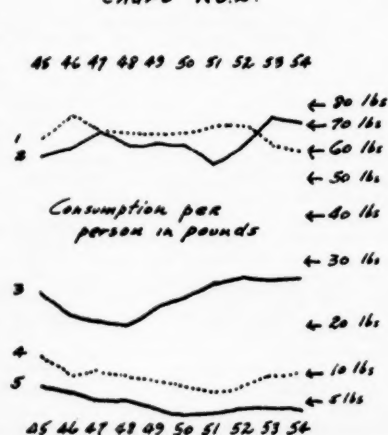


Chart No. 2



ANNUAL AVERAGES USED IN CHART No. 1
(Figures taken from Bureau of Agricultural Economics Reports, USDA)

Chart			Years									Average 1947-49
Item	Item	PER 100 LBS.	1945	1946	1947	1948	1949	1950	1951	1952	Oct. 1953	Equals 100
7	1	Steer Prices, Chicago, Avg. Choice and Prime	\$16.57	\$20.84	\$28.17	\$33.55	\$28.48	\$31.79	\$37.26	\$34.78	\$26.66	\$30.07
6	2	Wholesale Prices, Chicago Basis	21.50	30.44	43.93	52.44	44.62	49.42	58.95	56.25	44.37	47.00
	3	Wholesale Carcass Value, New York	12.90	16.66	26.36	31.46	26.77	29.65	35.37	33.75	26.62	29.53
5	4	Retail Carcass Value, New York	16.66	20.99	30.72	36.23	32.43	36.55	42.37	50.93	33.27	33.12
	5	Composite Retail Price Per Pound, New York Basis	35.51	44.29	64.80	76.44	68.42	77.11	89.38	86.34	70.19	69.68
RATIOS												
2	6	2/1 Equals Ratio Live Steer to Wholesale Price	1.30	1.46	1.56	1.57	1.57	1.55	1.57	1.62	1.66	1.57
	7	3/1 Equals Ratio Live Steer to Wholesale Value	.777	.875	.935	.940	.935	.935	.975	.970	1.00	.937
	8	4/1 Equals Ratio Live Steer to Retail Value	100	100	109	108.5	114	115	113.5	117.5	126	110.5
1	9	5/1 Equals Ratio Live Steer to Composite Retail Per Pound Price	2.12	2.12	2.30	2.28	2.39	2.42	2.39	2.48	2.63	2.32
RAILROAD FREIGHT INDEX												
3	10	Cattle and Calves	73	75	86	103	111	114	117	127	127	100
	11	Fresh Meats	70	71	84	103	113	116	120	129	129	100
	12	All Agricultural Products	76	77	88	103	109	112	114	122	122	100
4	13	Average Weekly Wage Meat Processing Industry	\$44.57	\$45.71	\$55.31	\$59.09	\$57.44	\$60.07	\$65.78	\$70.30	\$72.85	\$57.28

As long as the meat packer could get a good price for hides and tallow it was possible to sell a pound of meat at wholesale at a lower price than a pound of live steer cost the packer. There was enough profit in hides, tallow and offal to permit this type of business, but the prices of hides and tallow are less than half of what they were just two years ago and the cost of labor is also higher.

Chart No. 1

The first line on this chart is the relation between live cattle prices at Chicago and the composite retail price of meats at New York City. We divided the retail price at New York by the price of live cattle at Chicago. For the year of 1945 it was 2.12 or to put it another way suppose the packer paid 20 cents per pound for live steers, then the retail price of meat was 2.12 times that or 42.4 cents per pound. During the three years of 1947-48-49 the average price for live cattle at Chicago was 30 cents per pound and the average retail price for the same period in New York City was 69.7 cents per pound or 2.32 times live weight per pound price. Where are we in October, 1953 (latest figures available)? Retail meat prices in New York are 2.63 times live weight price or an increase of 13 per cent in the ratio over the base period of 1947-48-49 which was 2.32.

Why this increase of 13 per cent in the ratio? Let's start working the problem backwards, and look at some other ratios. First, we will divide the wholesale price of meat for the same period by the live steer price. In 1945 wholesale meat prices were 1.3 times live steers and for the base period of 1947-48-49 the average was 1.57 but in October of 1953 it was 1.66 or an increase in the ratio of only 6 per cent. Therefore it is obvious that this price increase has been passed on to the retail consumer.

What about the costs that are in this retail price which have not changed? Line No. 3 on Chart No. 1 shows the increase in freight rates for cattle and calves since 1945. The freight rate has increased 74 per cent and is presently

27 per cent higher than the base period of 1947-48-49. We have not yet heard anything on the radio or read in the papers about this freight rate being reduced along with the price of cattle or retail meat.

Few of us have to be reminded that the cost of labor has advanced. Since 1945 the average weekly wage of employees in the meat processing industries has advanced from \$44.57 to \$72.85 or 63 per cent. The average weekly wage for the base period of 1947-48-49 is \$57.28 and the percentage increase from the base period to October, 1953, is 27 per cent, or the same percentage increase as in freight rates. There is no way we can total up the changes in rents, taxes, insurance and general expenses of the many retail stores selling meat. The cost per pound of retailing meat can vary from 30 cents per pound down to 10 cents depending upon the volume of business and the size of the store. On top of all this the retailer figures his profit.

In our studies covering several years of price changes we have noticed that there are some rather constant ratios that you can almost always use as a guide to future prices. Just for the record we are repeating one of the statements made in our story last May in The Cattleman on the "Economic Outlook for Beef Cattle" and which is the third paragraph from the end of the article. It is as follows:

"However, if our disposable income remains unchanged and the volume of agricultural marketings increases 10 per cent it has a tendency to lower prices approximately 17 per cent. The reason for this is that transportation and marketing changes have to be paid and they have a tendency to lower prices in greater proportion since they are relatively inflexible. A one per cent decline in retail meat prices means about 1½ per cent decline in the prices paid the farmer."

The last sentence is the one to remember as we look at some other price changes. Line No. 5 in Chart I is the average composite retail price per pound

of beef in New York City. From the average base period price of \$69.68 it has advanced one-half of one per cent to the October price of \$70.19. The wholesale price is in line No. 6 and it has declined 5.6 per cent from the base period. In the meantime the average price of live steers at Chicago has declined 11 per cent from the base period. The following comparisons show the price declines from the peak year of 1951 to October 1953.

Item	1951	October 1953	Per Cent Decline
Composite Retail Price of Beef (New York City)	\$89.38	\$70.19	21.5%
Average Price Live Steers (Chicago)	37.26	26.66	28.5%

Notice how the percentage decline in live steer prices has been almost 50 per cent more than the average percentage decline in the retail price of meat. If the per cent decline was off 31.75 per cent or 50 per cent more than the retail decline the live weight price would be \$25.50 instead of \$26.66 and it might well be that amount when the average price for the month of November is computed, but the figures were not available at the time this was written.

There is still another way to look at this equation. The average price for slaughter animals at Chicago is off 11 per cent from the base period so let us take 11 per cent off 100 and the answer is 89. Now prices for freight and wages are up 27 per cent so we add 27 per cent on to 89 and the answer is 113, which corresponds exactly with the ratio increase of 13 per cent of retail meat over live steer prices. Since we have no way of adding up the rents, taxes and various other costs from all sizes and types of retail stores we might well conclude that as a total they have also advanced about 27 per cent over the base period just the same as freight rates and labor in the meat processing industry.

Chart No. 2

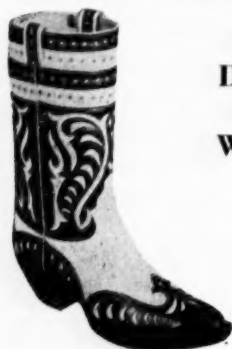
This chart is important because here we find the trend of potential competition

FIGURES FOR CHART No. II
Consumption of meat per person in pounds.

Year	Beef	Veal	Lamb and Mutton	Pork (excluding Lard)	Total	Poultry Meat*	Red and Poultry Meat
1945	58.6	11.7	7.2	65.7	143.2	24.7	167.9
1946	60.8	9.8	6.6	74.9	152.1	22.8	174.9
1947	68.6	10.7	5.2	68.6	153.1	21.4	174.5
1948	62.2	9.4	5.0	66.8	143.4	20.4	163.8
1949	63.0	8.8	4.0	66.8	142.6	22.6	165.2
1950	62.5	7.9	3.9	68.1	142.4	24.0	166.4
1951	55.2	6.6	3.4	70.6	135.8	26.5	162.3
1952	61.2	7.1	4.1	71.6	144.0	27.4	171.4
1953†	75.0	9.3	4.4	63.0	151.0	26.9	178.0
1954‡	73.0	9.7	4.0	60.0	147.0	27.2	174.0

*Chicken including commercial broilers, and turkey, revised to ready-to-cook basis.
†Partly forecast. ‡Forecast by Bureau of Agricultural Economics, USDA.

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to the cattle raiser. Line No. 1 is the average annual pounds per capita consumption of pork excluding lard. The year 1953 was the first time in years that the per capita consumption of pork has fallen below beef, which is line No. 2. What does that mean? Well the hog-feed ratio is better right now than it has been in the past two years. That is enough incentive to put the hog raiser back into production. You can take this as a warning that the hog raiser will have more sows farrowing than he intended to have last summer with the result that along about next summer there will be more pork on the retail market at a lower price than we see today.

Line No. 3 shows another important trend in the per capita consumption of chicken and turkey meat. The per capita increase since 1948 has been from 20 to 27 pounds which is a 35 per cent increase. The chicken-feed ratio is better this year than last year. There are a lot of processing plants which sharp freeze oven dressed poultry the year around and with more deep freeze and cold compartments in the home refrigerators, the cattleman has a year around competition instead of just in the spring and fall such as we had 25 years ago or pre deep-freeze age. What makes this kind of competition tough is that the backyard poultry man can get in and out of the business about every three months without too much investment and too much loss. If he has a city job he can operate on a break even basis if he gets the notion that the next time he might make some money. With the cattle raiser it is different because he has a full time job on his hands.

Line number 4 is the per capita consumption of veal. It shows a 31 per cent increase in 1953 over 1952 as against a 19 per cent increase in the consumption of beef. Line number 5 shows the consumption of lamb and mutton at being about three tenths of a pound more in 1953 than in 1952.

While we have had increased slaughter and consumption in beef and veal we can be thankful that there were fewer hogs and turkeys in the 1953 market as compared to 1952. Next year the consumption of beef is estimated to be down because favorable feed ratios will bring other items to market at lower prices.

The Question of Demand

Demand is always a subject for debate. The producer always hopes that the demand will absorb all that he can supply to the market. As a steady diet we prefer beef and so do most other folks, but when the housewife goes to market she picks out what she thinks is giving her the most for her food dollar in meat. Just

take another look at the per capita consumption of pork in the years prior to 1953. Did we eat more pork as a matter of choice? No. It was priced below beef. The same reasoning holds true regarding the consumption of poultry meat, where price, year round availability and convenience is a definite form of competition. Lamb and mutton does not seem to affect our consumption of other meats since it accounts for only 2½ per cent of the total meat consumed.

The demand for cattle entirely disregards the ratio of cattle to human population, the price at the retail counter and livestock markets. Why? In most instances the demand for cattle is tied to the supply of feed which in the end depends on weather. Just to give you an example. A year ago we were talking with a corporation executive who told us about owning 3,000 acres of nice grass land with plenty of water (outside of the drouth area, of course). In the spring of 1952 he bought some cattle and put them on the grass, and at the end of the season sold them for his original cost. In our conversation he admitted that the economics of the industry indicated some price declines ahead but he just could not stand to see that grass go to waste. Anyway, in the end he had the fun of feeding the cattle and he didn't lose his grass. Wonder why he never baled the hay and sold it to the other fellow? All too frequently the cattle raisers' demand for cattle depends on his supply of pasture and roughage without regard to market conditions and classes of cattle population.

1954 Outlook

In making your plans for 1954 just keep in mind that a lot of top animals have gone to market this year. A lot of productive capacity is still at home and by that we mean cows. If there is a forecast for 1954 it would be because a lot of top animals have gone to market the prices of some grades will be higher next year. In a talk before a breeders' association in April this year we concluded with the remark that we thought the price for cows would decline about 50 per cent in the next four months. If you had some old cows to sell last summer you may remember that some prices got down to a nickel a pound. The percentage of cows to total slaughter in 1953 has not been as large as it was in 1952 and so the problem of surplus cows is still with us and some day they will have to be marketed at a price. The same counsel of a year ago is in order, which was to keep your herd in line with your feed and water supplies that you can definitely count on.

Josef Winkler of Castle Rock, Colo., won the yearling class over all breeds in the ninth annual Chicago Feeder Show with the Shorthorns shown here this year. This carload sold to Frank Teegardin and son, Clint, Ashville, O., for 30c per pound.



Northeast Oklahoma Brangus Sale

SUMMARY

Brangus		
70 Head	\$36,540; avg.	\$522
Foundation Stock		
230 Head	\$64,480; avg.	\$276

BUYERS from 14 states paid an average of \$522 for the Brangus offering and \$276 for the foundation stock offering in the Northeast Oklahoma Brangus sale held at Vinita, Okla., Oct. 31.

Top selling bull of the sale was a three-quarter blood, JDH Essar Arislo, consigned by Clear View Ranch, Vinita, Okla. He sold to G. T. Brittain of Ft. Collins, Colo., for \$2,500. Second top three-quarter blood bull was Sir Walter, consigned by Jim Ray of Vinita, Okla., selling to Barnard and Osborn, Brooksville, Fla., for \$1,650. Fausto Quadroon, also from the Jim Ray herd, sold for \$1,500 to Wing Mead Farm, Roe, Ark.

Two females shared the Brangus female top of \$850 and both were consigned by Clear Creek Ranch, Welch, Okla. They were Miss Clear Creek Bluestem 97 and Miss Clear Creek Bluestem 109, selling to Howard Melton of Oklahoma City.

Largest buyer of the sale was Frazier LeBus of Lexington, Kentucky, who took home more than \$10,000 worth of cattle. W. L. Miers of Sonora, Texas, was another big buyer, taking home 20 Brangus heifers and a Brangus bull. Paul Schultz, Fort Myer, Florida, and Frank B. Daniel, Orange, Va., also purchased several head of cattle.

The sale was sponsored by the Northeast Oklahoma Brangus Breeders Association. Bill Hagel was the auctioneer.

Wisconsin Team Wins Judging Contest at American Royal

COMPETING in a field of student teams from 15 colleges and universities, the University of Wisconsin scored 2,830 points out of a possible 3,120 to win first place in the 23rd Intercollegiate Meat Judging Contest at the American Royal Live Stock Show at Kansas City, Mo.

This victory gave the Badger state team the first leg on the National Live Stock and Meat Board trophy which must be won three times to become the permanent possession of an institution.

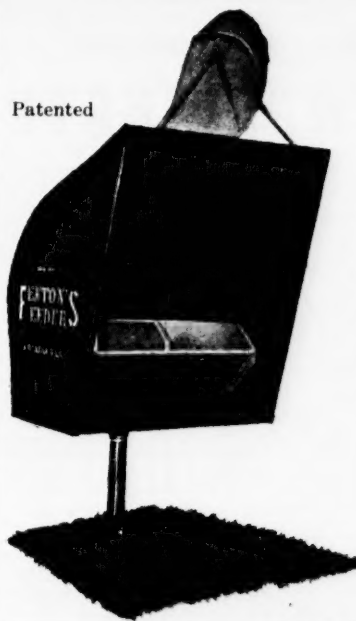
Members of the winning team, coached by Robert W. Bray, were Robert H. Wuhrman of Milwaukee; Radley G. Hyde of Wauwatosa; and Ralph L. VanDixhorn of Sheboygan Falls.

Runner-up in this event with a score of 2,731 was the University of Missouri team coached by R. L. Henrickson.

The other institutions finished in the following order: University of Kentucky, Oklahoma A. and M. College, Ohio State University, Iowa State College, University of Tennessee, University of Nebraska, Texas A. and M. College, Texas Technological College, University of Minnesota, South Dakota State College, University of Illinois, Pennsylvania State College and Kansas State College.

All contestants were required to judge nine classes and wholesale cuts of beef, pork and lamb, to identify and place 20 carcasses of beef, and to grade 10 lamb carcasses.

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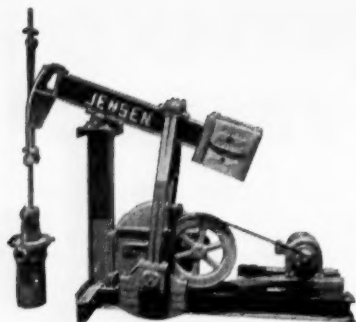
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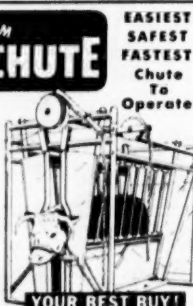
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The Cattleman's WASHINGTON ROUND-UP

By THE CATTLEMAN'S Special Washington Correspondent

Nation Awaits Benson Program—

The hottest news in Washington these days concern Secretary of Agriculture Ezra Taft Benson. When he was nominated by President-elect Dwight D. Eisenhower on November 24, 1952, a friend observed that "Ezra Benson is going to shock Washington. He's in the habit of deciding everything on principle." Utah's Senator, Wallace F. Bennett called Benson a "humanitarian, but one with his feet on the ground."

During the short period of less than one year the nation has come to realize that the towering Mr. Benson has measured up to the advance publicity.

The courageous Secretary of Agriculture, who refuses to be panicked by political pressures, is preparing a farm program that will not constantly create new emergencies. His program has been a year in the making and will be unwrapped when the second session of Congress meets in January.

A Farm Journal survey reports that it may be news to many people, but a heavy majority of farmers are still back of the Secretary. The fact is, the Secretary's friends haven't been heard from, except for Senator Aiken. They've sat mum. His enemies have made all the noise—and what a noise!

As to personal criticism of himself, the Secretary said: "We are not interested in personal popularity. Our only aim is to serve the best interest of agriculture, all of agriculture, and thus to serve the welfare of the American people—all the people."

What Farmers Like About Benson—

According to the Farm Journal Survey, the reorganization of the USDA was the most popular thing Secretary Benson has done. Farmer after farmer mentioned it. They hope it sets an example for other departments of the Government.

Next came Benson's efforts to get farm programs run as close to local farmers as possible. Farmers still think there are too many people in Washington and that government expenses are too high. They're against Big Government.

Another popular move: "Benson is genuinely trying to get the farmers' viewpoint on a workable farm program," says a farm flock sheep man from Wisconsin, speaking for many others. A wheat grower in Oklahoma said, "He acts like a Secretary of Agriculture should act."

Most farmers—including many of those who dislike Benson—admire his "frankness, honesty, and his courage to stand up under political or organized pressure." They like the fact that "he has refused to be stampeded," and as a Michigan dairyman sees it, "Benson's trying to put the Department on a sound, sensible, and efficient basis—instead of using it as a political vote-buying machine."

Beef for School Lunches—

The Department of Agriculture has signed contracts for more than 230 million pounds of beef and beef products to help remove

surplus cattle. Secretary Benson estimates more than 800,000 cattle will have to be purchased by packers before December 15 to fill these contracts.

The Government is donating frozen hamburger and canned beef and gravy to school lunches and charitable institutions. One-third of the schools of the nation are now serving a noonday lunch, according to Leonard Trainer, Chief of the Department's Food Distribution Branch. A survey of 500 schools and school systems by USDA shows that free government beef has doubled and often tripled beef consumption by children in the noon-day lunches.

Mr. Trainer also pointed out that government beef is being sent to charitable institutions that are caring for 1,000,000 people, and to welfare agencies that are feeding another 500,000 people including a number of American Indians.

Other millions of pounds of beef are being purchased by the Department of Agriculture and shipped in frozen carcass form to Greece. Payment is made with funds appropriated by Congress for economic aid to foreign countries.

England Will Take United States Beef—

In voting billions of dollars for European aid this year, Congress earmarked a minimum of \$100,000,000 and a maximum of \$250,000,000 for exporting surplus American farm products. So far \$20,000,000 has been spent to send tobacco to England. Our government is now negotiating in London to persuade the British Government to accept a substantial quantity of frozen carcass beef of commercial grade. England is giving consideration to the request and may eventually agree to the American offer.

England normally would not object to receiving free American beef, but is carefully weighing the choice between free beef and other American products to British importers will make the purchases bolster its sagging economy.

If the British accept American beef, direct from U. S. exporters. Although our Department of Agriculture has bought several ship loads of U. S. beef for Greece, the British who usually depend on Government for everything, have indicated they would handle their purchases through private channels.

Most Meat Consumed By People Who Produce It—

Floyd E. Davis, Head of the Livestock and Wool Division in the Department of Agriculture's Foreign Agricultural Service, says nearly 95 per cent of the meat produced in the world is consumed in the country where it is produced. The remaining 5 per cent moves in international trade.

According to Mr. Davis, the quantity of meat exported or imported from the North American continent is of small economic significance. The producers in this area have been able to produce meat to the extent of providing a per capita level of consumption second only to that in the four southern hemisphere export producing countries of Australia, New Zealand, Argentina and Uruguay, where

meat is one of the cheapest foods available and alternative foods are not readily available as in North America. North America produces about one-third of the meat in the world but neither exports nor imports comprise more than one or two per cent of the output in normal years.

Mr. Davis concludes that the North American continent is able to supply its people with tremendous quantities of meat in comparison to most other areas of the world, partly because of absence of two important livestock diseases, foot-and-mouth disease and rinderpest.

Food Conference in Rome—The Food and Agricultural Organization of the United Nations is holding its seventh annual food conference. The meeting which is expected to last three weeks, started November 23 in Rome. The FAO delegates will review the world situation and outlook on food and agriculture. They will also consider an emergency famine reserve, expanded technical assistance program, establishment of foot-and-mouth disease commissions, and measures to combat malnutrition by increasing the supply and consumption of protein-rich foods.

The director general of FAO is Ed Dodd of Oregon. Mr. Dodd once served as Under-Secretary of Agriculture in the democratic administration. The new Administration hopes to persuade the delegates to elect Mr. P. V. Cardon of Utah to replace Mr. Dodd. Until recently, Mr. Cardon was Administrator of the Agricultural Research Administration.

Where They Come From—It is interesting to note that the United States census of April, 1950 reports that persons born in each of the 48 states are now found residing in each of the other states. Nevada, for instance, has sent 10 of its "native born" to live in Vermont, while Vermont has sent 170 to live in Nevada.


California has 5,425,936 people from other states while 503,565 "native born" Californians have left to live in other commonwealths. Of those leaving California, 59,380 have moved to Oregon, 51,905 to Washington, 38,560 to Texas and 9,060 to Florida.



Skeeter, left, owned and ridden by Phil Williams, Tokio, Texas, and Royal King, right, owned by Earl Albin, Comanche, Texas, and ridden by Milt Bennett, tied for championship honors in the National Cutting Horse Contest held at the 1953 Grand National Livestock Exposition held at San Francisco. Each scored 555 points. Porter Sesnon, president of the Grand National show, presented the awards.—Gressett Photo.

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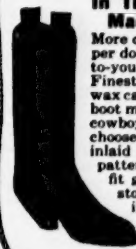
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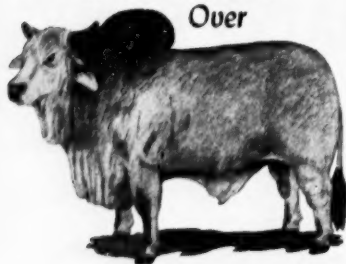
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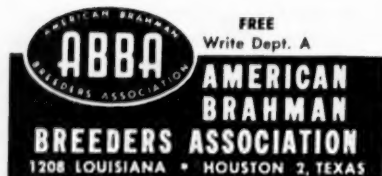
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New USDA Book Lists Trees of U. S. and Alaska

AS an aid to foresters, botanists, students and other people interested in trees, the U. S. Department of Agriculture has issued a check list of trees of the United States and Alaska. The list, a book of 450 pages, covering 1,027 trees, is Agriculture Handbook No. 41. A copy may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for \$2.00.

The list, compiled by Elbert L. Little, Jr., of the Forest Service, under direction of the Forest Service Tree and Large Plant Name Committee, gives the accepted scientific names, their etymology, current synonyms, approved common names, other common names, range of native and naturalized American trees, bibliographic citations, and other information. Conforming to the International Rules of Botanical Nomenclature, the list aims to encourage uniform usage of names for trees.

The book is confined to trees which for the purpose of listing are defined as woody plants with a single erect stem or trunk, three inches or more in diameter at 4½ feet above the ground and at least 12 feet high. Also large willow trees with several trunks springing from the same root and other similar trees are included in the list.

This is the third official tree list of the Forest Service. It supersedes and is a thorough and complete revision of Miscellaneous Circular 92, a check list compiled in 1927 which is out of print and which used the now obsolete American Code of Nomenclature.

Houston Fat Stock Show To Offer Scholarship

FOR the second year the Marshall Foundation will offer a \$5,000.00 scholarship to an outstanding boy or girl exhibitor at the Houston Fat Stock Show, to attend the University of Houston.

The 1954 Houston Fat Stock Show opens February 3 and runs through February 14 for the 22nd annual exposition.

The scholarship, created by Mr. and Mrs. Douglas Marshall of Houston, will be awarded on the basis of leadership, scholastic standing, financial need and contributions to agriculture through private farming, livestock raising, FFA, FHA, or 4-H Club work.

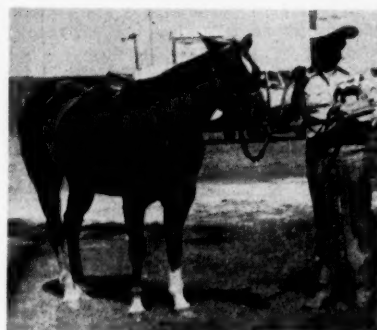
The award enables the winner to five years of college, leading to a bachelor of science and master's degree in any course offered by the Agricultural Department of the University of Houston.

Eligibility for the scholarship requires applicants to have entries in one or more of the following classifications at the Houston Fat Stock Show: beef cattle, dairy cattle or sheep.

Applicants must graduate from high school during the 1953-1954 school year, either at mid-term or in June, and must be desirous of pursuing a course in Agriculture at the University.

Last year's scholarship winner was Louis Oran Little, a 17-year-old FFA boy from Schulenburg, Texas. He is now studying animal husbandry in the school of agriculture at the University of Houston.

Believing that "the nation's progress



Ribbon, owned and exhibited by Paul Jesse of LaPryor, Texas, grand champion mare of the Refugio County Fair Quarter Horse show, held at Refugio.

depends to a great extent upon the conservation of our land and other natural resources," Mr. and Mrs. Marshall set up the Marshall Foundation Scholarship to be awarded annually. Mr. Marshall is vice-president of Quintana Petroleum Corporation.

Applications and rules are being mailed from the Houston Fat Stock Show office to each boy and girl entering beef cattle, dairy cattle or sheep. These applications must be completed and returned, not later than January 15, 1954, to John S. Kuykendall, Livestock Manager, Houston Fat Stock Show, P. O. Box 2371, Houston, Texas.

Applications can be obtained through Mr. Kuykendall's office.

Weber to Judge Smithfield Show in England

D. R. ARTHUR D. WEBER, Kansas State College dean, has accepted an invitation of the Smithfield Show, Earls Court, London, to judge "the supreme cattle championships and to make the award of the Duke of Norfolk cup" to the breed of three best pure-bred steers 12 to 36 months old at the Smithfield Show in London December 7-11.

Sponsor of the event, the Smithfield Club, was founded in 1802, but had started the English livestock and agricultural machinery show in 1798 as the Smithfield Cattle and Sheep Society.

With the assignment, Weber, dean of agriculture and director of agricultural experiment stations at K-State, adds another of the principal livestock shows of the world to those he has been asked to judge. He previously has judged in South America, Canada, and at all the major U. S. livestock shows.

He will leave by plane December 2 from Chicago (where he is to select the grand champion steer at the International Live Stock Exposition) for London and return to Kansas December 20.

I have read only one copy of The Cattleman but find it very interesting. As soon as I finish my contract here in Venezuela sometime next year I want to engage in the cattle raising business in the Rio Grande Valley. I know that The Cattleman will be a big help in keeping me informed on what is going on in the cattle world.—Forbes Jennings, El Tigre, Venezuela.



Grand champion steer of the Coastal Bend Livestock Show, Alice, Texas, owned by Tommy Jones, Alice 4-H Club boy. The steer was bred by C. D. Jones, Alice.

R. A. Halbert Heads Polled Hereford Breeders

R. A. HALBERT, Sonora, Texas, and Miller, Mo., was elected president of the American Polled Hereford Association at its annual meeting held in San Francisco during the Grand National Livestock Exposition. Halbert is the senior member of the firm of Halbert & Fawcett, Polled Hereford breeders. He succeeds John Trenfield of Follett, Texas. John Royer, Woodbine, Md., was elected vice president and Don Chittenden was renamed executive secretary.

Chittenden in his annual report pointed out that 8,129 breeders registered 78,152 Polled Herefords during the year, Texas leading with 8,160 registrations. Other states in order were: Illinois, 5,198; Mississippi, 4,649; Kansas, 4,390; Missouri, 4,222; Nebraska, 3,427; Georgia, 3,420; Oklahoma, 3,333; Tennessee, 2,960; Iowa, 2,826.

Earl G. Blanchard, Oshkosh, Neb., registered 639 head to top the nation in individual registrations. Circle M Ranch, Senatobia, was second and William Spidel, Roundup, Mont., third.

During the year the association accepted 961 new members.

A tabulation of Polled Hereford sales during the year showed that 5,404 bulls sold for an average of \$611 and 7,534 females averaged \$507.

Mid-North Texas Hereford Association Sale

SUMMARY			
28 Bulls	\$5,272.50; avg.		\$188.00
19 Females	4,022.50; avg.		265.00
1 Pen of 3	472.50; avg.		157.50
50 Head	9,767.50; avg.		195.00

THE Mid North Texas Hereford Association held its fourth annual sale at the fairgrounds, Cleburne, Texas, November 18. The animals were consigned by members of the association, many of whom had been hit hard by the severe drought during the summer and as a result the cattle were not especially fitted. They were presented in just good range condition.

Claude Winston, Glen Rose, Texas, topped the bulls at \$320 when he purchased SF Prince Don, by Super Don 3rd, consigned by F. B. Shannon, Stephenville, Texas. J. P. Swartzell, Cleburne, paid \$300 for Baldwin Aster 64th, by Beau Baldwin R 14th consigned by Rainbow Ranch, Cleburne, and Winston paid

\$300 for SF Zellas Don, consigned by F. B. Shannon.

The females also topped at \$300, paid by Jack Picard, Weatherford, Texas, for Miss Royal Gwen 2nd, a daughter of Beau Gwen 72nd, consigned by T. R. Frost, Weatherford.

Walter Britten sold the cattle.

Montague County Hereford Breeders Sale

SUMMARY			
26 Bulls	\$5,320; avg.		\$205
14 Females	2,630; avg.		188
40 Head	7,950; avg.		199

MONTAGUE County Hereford Breeders held their first sale at Bowie, Texas on Friday, November 20.

The top selling bulls were consigned by Benson Bros., Bowie, Texas. The top bull was a May 1952 son of PR Star Mixer and went to Joe Hilburn, Sherman, Texas, for \$365. The second top was another son of PR Star Mixer and he went to Chas. Blackmon, Bowie, Texas, for \$320.

Top selling female and top of the sale was a May 1952 daughter of AEF Publican Domino 23rd consigned by King Hereford Ranch, Jermyn, Texas. She went to Lum Lovitt, Bowie, Texas, for \$395.

Second top selling female was a 1951 cow with a heifer calf at side and consigned by L. C. Atkinson, Throckmorton, Texas. This pair went to O. W. Watson, Bowie, Texas, for \$350.

Walter Britten was the auctioneer.

CK Ranch Cancels Sale Because of Snowstorm

AN early season snowstorm, with as much as 16 inches of snow on parts of Western Kansas and forecasts of more, discouraged attendance at CK Ranch's sale, which was scheduled for November 7 at Brookville, Kansas.

Those who did come from a distance were assured by owner John Vanier, when the sale was called off, that they could purchase at private treaty the individuals they came to bid on. Thirty-four bulls were sold to breeders from Texas, Wyoming, Colorado, Nebraska, Alabama, Missouri and Kansas. This reduced the offering so it was decided to cancel the sale and carry the balance of the cattle until CK's spring sale that is scheduled for March 8, 1954.



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I enjoy The Cattleman, as it covers a lot of territory with which I was familiar in my younger days on the Texas ranges. —Sam H. Blasingame, San Bernardino, Calif.

Texas-Oklahoma Hereford Breeders Association Sale

SUMMARY

29 Bulls (Single)	\$20,020; avg.	\$690
32 Females (Single)	19,350; avg.	604
61 Head (Single)	39,370; avg.	645
27 Pens 3 Bulls	7,950; avg.	294
21 Pens 3 Females	5,940; avg.	283
109 Head	53,260; avg.	489

THE fourth annual sale of the Texas-Oklahoma Hereford Breeders Association was held at Wichita Falls on Tuesday, November 17 with a good crowd attending.

Grand champion and top selling bull was consigned by Dudley Brothers, Comanche, Texas. This good June 1952 son of MW Larry Domino 56th went to Mrs. Jim Barron, San Angelo, Texas, for \$2,350.

Second top selling bull was a September 1952 son of Larry Mixer Domino 21st, consigned by C. A. Kinder, Frederick, Okla., and sold to A. L. French, Elida, New Mexico, for \$1,600.

The reserve champion bull was third top selling bull with this February 1952 son of BR Proud Mixer being consigned by Arledge Ranch, Seymour, Texas, and going to Gregg Bros., Coldwater, Kansas, for \$1,500.

Top selling female was consigned by Kingford Farms, Siloam Springs, Ark., with this January 1952 daughter of Noe's Baca Duke 108th and carrying the service of M Zato Heir 5th going to T Bone Ranch, Wichita Falls, Texas, for \$1,800.

Second top female and grand champion sale female was a January 1952 daughter of HG Proud Mixer 673rd carrying the service of Larry Mixer Domino 20th. She was consigned by Barret Hereford Ranch, Comanche, Texas, and sold for

\$1,675 to Lazy S Ranch, Springer, Okla.

Two females sold for \$1,500 for third top selling females. One a May 1951 daughter of MW Larry Domino 30th and bred to Larry Mixer Domino 41st. She was consigned by Bridwell Hereford Ranch, Wichita Falls, Texas, and sold to T Bone Ranch. The other female was the reserve champion female, a November 1951 daughter of WHR Pat Mixer selling bred to MW Larry Domino 148th. She was consigned by Par-Ker Ranch, Chelsea, Okla., and sold to Lazy S Ranch.

The champion pen of 3 bulls was consigned by Payne Hereford Ranch, Waurika, Okla., and sold to R. C. Murphy, Ringling, Okla., for \$445.

The champion pen of 3 females was consigned by Ralph Morgan, Wichita Falls, Texas, and sold to Jack Martin, Wichita Falls, Texas, for \$300.

Jewett Fulkerson and A. W. Hamilton were the auctioneers.

Hill Country Hereford Sale

SUMMARY

64 Bulls	\$24,575; avg.	\$384
21 Pen Bulls	7,500; avg.	357
9 Females	2,270; avg.	252
94 Head	34,345; avg.	365

THE seventh annual fall sale sponsored by the Hill Country Hereford Association was held October 28 at Mason, Texas. The champion sale bull, J. Mischief 24th, a February, 1952 son of J. Mischief Domino 1st, proved to be the sale topper as he sold to Gus Schreiner, Kerrville, Texas, on a bid of \$725. Frank E. Jordan & Sons, Mason consigned this good herd sire prospect. Bringing the second top money was LE Larry Plus 7th, a January, 1952 son of JHR Plus Return 5th, from Lazy E Ranch, Round Mountain, Texas. He sold to Dr. H. A. Wimberly, San Angelo, Texas, for \$700.

Herbert Mears, Menard, Texas, bought the champion and top selling female, J. Publican Lady 20th, a September, 1952 daughter of AEF Publican Domino 11th, on a bid of \$400. Frank E. Jordan & Sons consigned this good female. W. M. Mayer, Wallace, Texas, bid to \$350 to get the reserve champion female, HHH Miss Larry 3rd, a September, 1952 daughter of Larry Domino M66, consigned by Hilma Henke, Morris Ranch, Texas.

Claude McInnis, Byrds, Texas, placed the cattle for sale order and Walter Britten was the auctioneer.

Gulf Coast Hereford Breeders Sale

SUMMARY

33 Bulls	\$10,450; avg.	\$317
14 Females	3,645; avg.	260
47 Head	14,095; avg.	300

THE Gulf Coast Hereford Breeders held their fall sale at Brenham, Texas, on Wednesday, November 4.

Top selling bull and top of the sale was consigned by Stanton Hereford Ranch, Johnson City, Texas. He was a January 1952 son of Prince Publican 85th and sold to H. B. Pyle, Richmond, Texas, for \$1,100.

Second top selling bull was consigned by Dr. L. J. Clark, Bellville, Texas. This April 1951 son of LJC Adv. Dom. Lad went to F. L. Cornelius, Caldwell, Texas, for \$700.

Top selling female was consigned by J. F. Schramm, Brenham, Texas, and sold for \$500 to George Sperger, Brenham, Texas.

Second top selling female was con-

signed by Stanton Hereford Ranch and sold to H. B. Pyle for \$395. Mr. Pyle was the largest buyer taking a total of 12 head.

Walter Britten was the auctioneer.

Weber Farms Hereford Dispersion

SUMMARY

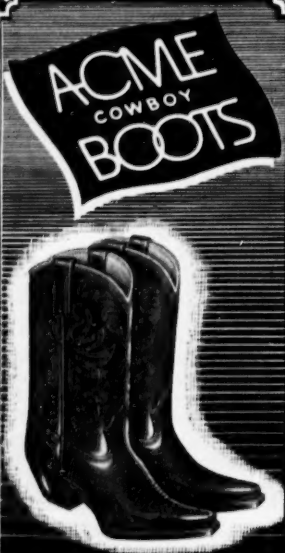
15 Bulls	\$ 6,195; avg.	\$413
158 Females	53,870; avg.	341
173 Head	60,065; avg.	347

THE Weber Farms Hereford dispersion held at Bartlesville, Okla., November 14, was a complete dispersal, made necessary by the untimely death of its founder, Dr. H. C. Weber. The cattle were presented in range condition and included many progeny of outstanding herd sires.

The top price of the sale was scored on WF Miss Baca 16th, a daughter of CK Baca Royal. She sold for \$1,325 to Philson Farms, Tulsa, Okla., one of the larger buyers of cattle in the sale. Philson Farms also paid \$1,000 for PKR Princess 357th, a daughter of Larry Domino 194th. She was bred to MW Larry Domino 172nd. Par-Ker Ranch, Chelsea, Okla., paid \$650 for W Rupert Lass 24th, by T Royal Rupert. She was bred to GH Prince 5th.

The bulls topped at \$795, paid by Carl Statts, Bartlesville, for GH Prince 5th, a three-year-old grandson of Baca Duke 2nd and out of a daughter of a Register of Merit sire, MW Larry 20th. Greenhill Larry 13th, a son of MW Larry 20th, sold to Willard Kisse, Ozark, Mo., for \$650.

Gene Watson, W. H. Heldenbrand and Guy Shull were the auctioneers.



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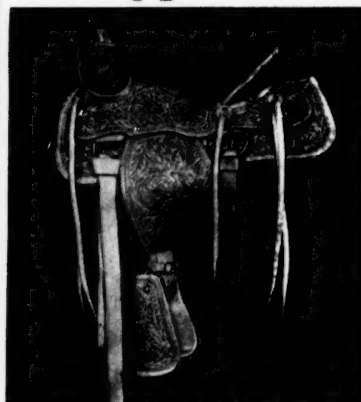
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December 15 Deadline For Fort Worth Dairy Cattle Show

THREE breeds will be featured in the dairy cattle competition at the Southwestern Exposition and Fat Stock Show, Jan. 29 through Feb. 7. Jerseys, Guernseys and Holsteins will be shown and prize money will total \$7,637, including \$2,000 for the junior dairy show. Deadline for livestock entries is Dec. 15.

In the open show, there are 25 classes for each breed, the awards being \$1,679 for Guernseys, \$1,679 for Holsteins and \$2,279 for Jerseys. There will be a county herd event for Jerseys, the entry to consist of animals owned by five or more exhibitors from one county with not more than three animals owned by one individual or firm.

For the junior show, the total premiums being \$2,000, the Fort Worth Milk Distributors will give \$750 and the Fort Worth Poultry and Egg Company \$250, with the show providing \$1,000. Exhibitors in the junior competition also may enter their animals in the senior show but must make the entries at the same time. Division of the prize money in the junior show is: Guernseys \$400, Holsteins \$400, Jerseys \$1,200.

Special awards will be: Plaque, owner of grand champion Jersey heifer, given by Fort Worth Poultry and Egg Company; and—contributed by the Fort Worth Milk Distributors—to exhibitor of all first place class winners, tie clip; junior and senior champions of each breed, plaque; grand champion Guernsey and Holstein heifers, plaque.

A. L. Darnell of Texas A. & M. is the dairy department superintendent. Livestock superintendent is W. A. (Bill) King, assistant manager of the Stock Show and Walter Rice, also of Fort Worth, is assistant livestock superintendent.

McFaddin Field Day

PROBLEMS on South Texas rangelands were studied by ranchmen and others attending a field day held on the McFaddin Garcitas Ranch near Victoria, Texas, Nov. 13.

The event was arranged for the Texas section of the American Society of Range Management by W. H. Crain, ranch manager; Rudy J. Pederson, with the Soil Conservation Service at San Angelo and the board of supervisors of the Calhoun-Victoria Soil Conservation District.

Louis Kolle, H. F. Borchers and M. E. Jacobs, all ranchers in the Victoria area, explained their experiences with controlling brush by the use of chemical and mechanical means.

Dr. O. E. Sperry, professor of Range and Forestry at Texas A&M College, explained latest developments in research on photosensitization in cattle, which is caused by something the animals eat resulting in welts and blisters on the skin. Dr. V. A. Young, head of the Range and Forestry Department at A&M outlined experiments in which feeding of phosphorus to cattle in water has been found to be the most effective and economical method, and the one used on the Garcitas Ranch.

Treatment for acetonemia in cattle requires efforts to increase blood sugar, reduce ketosis and stimulate the digestive system.



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Grand National Livestock Exposition

THE Grand National Livestock Exposition held at San Francisco October 30-November 8 attracted livestock exhibitors from 19 states. A special attraction of this year's exposition was the National Polled Hereford Show, since it was the first time this event was ever held west of Denver. Other beef breeds included Herefords, Aberdeen-Angus and Shorthorns. A number of Santa Gertrudis and Charbray cattle were exhibited for the first time on the Pacific Coast.

Eight Texas breeders were entered in the Hereford show, but none was able to win any of the classes, although several were runners-up. Wyoming Hereford Ranch, Cheyenne, Wyo., showed the champion bull, WHR Target 19th, and Double M Hereford Ranch, Adams, Ore., showed the reserve champion, MM Prince Royal 136th, the bull that stood second in class to the champion.

Lucky Hereford Ranch, Gilroy, Calif., was the major winner of the show and won the nod for the grand champion female, Lucky Miss Dandy 29th. Oliver Ranch, Descanso, Calif., showed the reserve champion, JJ Bluebonnet D 12th.

Texans who were entered in the competition included W. B. Barret, Comanche; Arledge Ranch, Seymour; W. J. Largent, Merkel; McBride Bros., Blanket; Johnston Squarebilt Herefords, Madisonville; Roy R. Largent, Merkel; Dudley Bros., Comanche; and Fulwiler Herefords, Abilene. A number of them came close to winning classes.

While Mississippi breeders walked off with the lion's share of winnings in the Polled Hereford show, the championships were fairly well divided. John M. Lewis & Sons, Larned, Kans., showed the champion bull, ALF Battle Mixer 30th, and the reserve champion female, ALF Lady Return 106th. Halbert & Fawcett, Sonora, Texas, and Miller, Mo., showed the reserve champion bull, HHR Mischief Duke 26th, and Double E Ranch, Senatobia, Miss., showed the champion female, EER Victoria Tone 50th.

In the Aberdeen-Angus show W. J. Harrer & Sons, Helena, Mont., showed the champion bull, Eliminator 42 of GMR, and Rancheria Angus, Anderson, Calif., showed the reserve champion, Springmere 240th. WRS Miss Burgess 3rd, shown by WRS Angus Farms, Hutchinson, Kans., was champion female, and MR Pride 3rd, shown by Sun Valley & Var Mar, Hansen, Ida., was reserve champion.

The champion Shorthorn bull was Wheatland Vulcan, shown by Broughton Land Co., Dayton, Wash., and Viking 4th, shown by J. W. Bennett & Sons, Oakville, Wash., was reserve champion. Broughton Land Co. also showed the champion female, Wheatland Secret 51st, and GSR Golden Beauty 2nd, shown by Chapman Bros., LeGrand, Calif., was reserve champion.

The grand champion steer of the show, a junior yearling Hereford exhibited by Ronald Hutchings, Millville, Calif., sold for \$3,120 at \$2.60 per pound. The steer weighed 1,200 pounds. Ninety steers sold for an average of slightly more than 40 cents per pound.

In the Polled Hereford sale held in conjunction with the show, a bull, FLR Advance Lamp 3rd, consigned by F. L. Robinson & Sons, Kearney, Neb., sold for



The Grand Champion Fat Steer of the 1953 Grand National Livestock Exposition held in the San Francisco Cow Palace. Left is Debby O'Brien, Livestock Queen, with Ronald Hutchings of Millville, California, who raised the champion.

\$7,650 to Pete Ginbach, Del Rapids, S. D., a record price for the Grand National. Two other bulls passed the \$5,000 mark. Twenty-five bulls sold for an average of \$1,980 and 33 females averaged \$1,081.

Roy R. Largent, Merkel, Texas, topped the Hereford sale in the sale of LS Prince Publican 191st to Lloyd Johnson of Kirby, Ore., at \$2,950. The top female sold for \$2,000. A total of 155 head brought an average of \$531. Ninety-one bulls averaged \$607 and 56 females averaged \$397.

In the Aberdeen-Angus sale 66 head sold for an average of \$544, with 11 females averaging \$1,402, four pens of three females averaging \$445; 13 individual bulls averaging \$606, and ten pens of three bulls averaging \$264.

Herefords Champions At Chicago Feeder Show

A LOAD of Hereford calves owned by DeBerard Cattle Company, Kremmling, Colo., was named grand champion of the Ninth Annual Feeder Cattle show and sale held at Chicago, October 29-30. The load averaged 409 pounds and sold for \$52 per cwt.

The reserve champions, a load of Aberdeen-Angus, shown by Jess Hadley, North Platte, Neb., outsold the champions, bringing \$60.50 per cwt.

The champion load of yearlings, Shorthorns shown by Josef Winkler & Sons, Castle Rock, Colo., sold for \$30 per cwt. They averaged 740 pounds.

The reserve champion load of yearlings, Herefords shown by Norrell Herefords, Collbran, Colo., sold for \$24.50 per cwt.

Jess Hadley also showed the champion load of yearling heifers which were Angus that sold for \$21.75 per cwt.

A break-down of the sale reveals that 168 loads of steer calves averaged \$25.55; 110 loads of heifer calves averaged \$19.47; 68 loads of yearling steers averaged \$21 and 31 loads of yearling heifers averaged \$15.53.

Feed Supplies Survey

A REPORT of feed supplies and uses for the coming year has been released by the feed survey committee of the American Feed Manufacturers Association, which recently convened for their annual meeting.

The report, as it affects the beef cattle producer, is as follows:

Inquiries Invited

MR Beefmasters

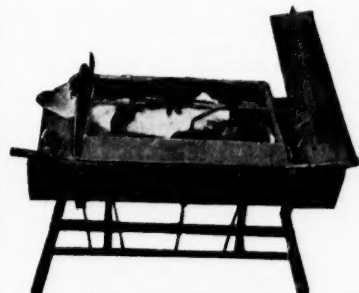
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Increased livestock and poultry production is indicated for the 1953-54 feeding year. As a result, the amount of feed grains, low-protein concentrates and high protein feeds required will be greater than during the 1952-53 feeding year. An analysis of feed supplies and estimated feed use indicates adequate supplies of feed grains and other low-protein concentrates and a shortage of high protein feeds.

The 1952 drouth which continued in 1953 and spread to many areas has caused a continuation in (1) a movement of beef cattle and sheep from drouth areas to areas with more available feed supplies, and (2) heavier feeding of concentrates in the drouth areas because of the shortage of roughage and pasture. The full impact of this drouth on feed use and livestock numbers is impossible to estimate at this time.

Total beef cattle numbers probably will show a further increase of about 3 per cent as of Jan. 1, 1954. Continuing and widespread drouth has resulted in some liquidation as well as shifts, particularly in breeding areas. Some of this shift has been of a local nature and some has been between states. As an example, some of the southeastern and other farm states have increased breeding herds, compensating for reductions which have occurred in some dried out range sections.

These factors, accompanied by heavier slaughter and disparities between feed and cattle prices, probably will combine to reduce the rate of increase in cattle numbers shown in recent years.

Total feed supplies in the United States for 1953-54 are moderately large, but conditions are poor in some regions due to severe drouth. Some 132,000,000 tons of grains and other concentrates are available for feeding livestock and poultry this year compared to 117,000,000 tons actually fed during 1952-53. The grains, particularly corn, are relatively more plentiful than the high-protein feeds.

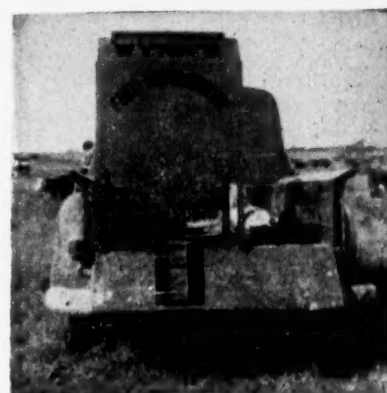
The 1952 production of feed grains was somewhat smaller than in 1952, but the carry-over of corn in the fall of 1953 was unusually large. A large part of these carry-over stocks was under loan or owned by CCC. The 1953 corn crop is mostly of good quality, but the quality of the oats and barley is below that of a year ago.

Supplies of wheat mill feeds and other low-protein by-products for 1953-54 are about the same as last year. The combined supplies of grains and these by-products are estimated to be about 15 per cent larger than the amount fed during 1952-53.

With a smaller soybean crop, the supplies of oilseed meals, animal proteins and grain proteins (on a 40 per cent protein basis) for feed this year are estimated to be about 13,800,000 tons, somewhat smaller than the 14,000,000 tons fed during 1952-53. Soybean meal supplies for feed are 6 per cent smaller. The disposition of CCC stocks of cottonseed meal to drouth areas makes supplies of this product somewhat uncertain at present (October, 1953).

Based on estimates from the industry, some 35,000 tons of non-protein nitrogen material, equivalent to about 210,000 tons of oilseed meal, were used for feed for ruminants during 1952-53. A larger supply, perhaps 50,000-60,000 tons reportedly will be available for 1953-54. Hence, 390,000 tons of oilseed meal equivalent of this material was included in the estimated supplies for 1953-54.

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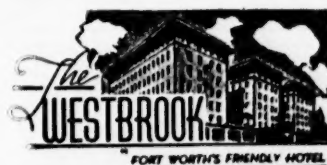


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Luther McClung Aberdeen-Angus Dispersion

SUMMARY

16 Bulls	\$ 6,965	avg.	\$379
259 Females	97,495	avg.	376
275 Head	103,560	avg.	377

ONE of the largest herds of Aberdeen-Angus cattle in the state was sold November 9 when 4M Ranch, owned by Luther T. McClung, held a dispersion sale at the ranch north of Fort Worth, Texas. The sale attracted breeders from several states who were on hand to bid on foundation females that are not ordinarily offered at public auction.

The top selling animal of the day was Ferndale Princess 317th, a January, 1951, Gammer female by Palomar Prince. Ed Festervan, Texarkana, Texas, got her on a bid of \$4,000. She sold bred to Prince Oldfield of Ferndale, the \$50,000 herd sire that has been used extensively in the 4M herd. Selling for \$2,600, the second top price of the sale, was Princess Lucy Master of 4M, a four-year-old daughter of Prince Sunbeam 29th and out of an Evaseus of Page dam. Mrs. Lucille Bernard, Dallas, Texas, was the buyer. Bringing \$2,400 on a bid from Black Mark Angus Farm, Dallas, was Blackcap Bessie of S. A. F. 29th, a four-year-old daughter of Everbest Prince. Several other females sold for more than \$1,000.

Dr. Joe Stevens of Bonham, Texas, one of the major buyers of females, bid \$1,150 to get the top selling bull, 4M Eileenmere Esquire 2nd, an October, 1951, son of Eileenmere 1032nd.

Auctioneers were Roy Johnston, Ray Sims, Bill Hagel, and Merlin Woodruff.

Cattle Parasite Control Studies at Woodward Station

INVESTIGATIONS to determine practical methods for controlling external parasites of cattle have been conducted at the U. S. Southern Great Plains Field Station, Woodward, Oklahoma in cooperation with D. E. Howell of the Entomology Department, Oklahoma Agricultural Experiment Station since 1946 and are contained in a 17 year summary of Range Improvement Studies which is now available in a USDA bulletin.

Studies were made on effects of horn fly and grub control on steer gains, and on efficiency of different chemicals and methods of application for controlling horn flies, grubs, lice, and ear ticks.

Results obtained by different methods of control used are as follows:

Horn flies: DDT and Toxaphene gave excellent results in the control of horn flies. Steers sprayed with two quarts of 0.5 per cent DDT (8 pounds of 50 per cent wettable powder in 100 gallons of water) remained practically fly-free for a month. Spraying only the top line of the animals provided as good control as over-all spraying and required much less labor and materials. Steer gains from five monthly sprayings with 0.5 per cent DDT were determined in summer of five years. Spraying increased steer gains an average of 16 pounds. The greatest differences in steer gains, 27 pounds, occurred when flies were most numerous.

Rubbing posts: Both commercial and homemade rubbing posts have been extremely effective in horn fly and lice control at Woodward. The cattle treated themselves by rubbing against a 4-per

cent solution of DDT in low-grade, new motor oil. This solution can be made by dissolving two pounds of 100 per cent technical DDT (or its equivalent in prepared DDT-oil solutions) in six gallons of motor oil. The resultant fly control has been superior to that obtained from spraying, and costs are only about one cent per head per year. Commercial rubbing posts are available from several commercial sources. Effective homemade rubbing posts can be made from several strands of old barbed wire, burlap sacks, and a means of support. A cable is made of the barbed wire. This is then wrapped with burlap sacks, and one end is firmly fastened to a post about four and one half feet from the ground. The other end is fastened near ground level about 12 feet out from the object supporting the high end. The burlap cable is then treated at monthly intervals with one pint of four-per cent DDT solution in motor oil. The key to successful fly control is to locate the post where cattle naturally congregate.

Thousands of cattle throughout the West are using rubbing devices containing motor oil without a single case of "X" disease. However, stockmen using these parasite-control devices should be aware of the potential danger of "X" disease. A low-priced, bland, industrial oil, free from any possible contamination by chlorinated naphthalene, is now available on the market.

Grubs: Grubs were effectively controlled just prior to emergence by pressure spraying each animal with one gallon of solution containing seven and one half pounds of five per cent rotenone per 100 gallons of water. The animals were sprayed three times at monthly intervals, starting about Nov. 30. Steers so treated for grub control in 1946, 1947 and 1949 averaged five pounds more winter gain than comparable steers not sprayed. This resulted in an average profit of 79 cents per head for the three year period. However, the profit in 1947-48 was \$2.90 per head when spraying increased steer gains 13 pounds per head. Main advantage of the treatment is realized when it is applied on a community-wide basis for elimination of heel flies from an area.

Lice: Lice frequently infest range cattle and cause economic loss. They can be controlled by dipping or over-all spraying with a suspension of 10 pounds of five per cent rotenone per 100 gallons of water, or with eight pounds of 50 per cent wettable DDT per 100 gallons of water. One application of DDT, preferably in the form of a dip, or two applications of rotenone three weeks apart in early winter are required for effective results. The poor condition of lousy cattle leave no doubt as to the benefits of lice control.

Ear Ticks: Ear ticks in weaner calves often cause drooping ears and other symptoms similar to shipping fever. Occasionally infected animals become seriously ill. These ticks are common in the Southern Great Plains, but are often overlooked in the control of external parasites. They can be effectively controlled with a one per cent solution of BHC in used crankcase oil. This can be prepared by adding one part of 20 per cent Lindane to 19 parts of oil. An oil can equipped with a thumb operated pump is an efficient means of squirting a small quantity of the chemical in each ear, which should then be rubbed well so the liquid will enter the small crevices. This procedure has given excellent results when used once each fall.

Feeding Hogs Raw Garbage Is Costly

FEEDING raw garbage to hogs can be expensive because of the high cost of direct losses and eradication of diseases spread by such rations.

The American Veterinary Medical Association says the cost of eradicating vesicular exanthema has been estimated at \$15,000 a day during serious outbreaks. "VE" was a problem after widespread outbreaks occurred in the summer of 1952.

Authorities say an outbreak of foot-and-mouth disease, which might be started by raw garbage feeding, could cost this nation \$200,000,000 yearly. In addition to these disease problems, raw garbage feeding perpetuates trichinosis, a human health threat, as well as hog cholera and other infections of swine.

"The swine industry cannot afford these losses," authorities say.

Southwestern Regional Aberdeen-Angus Sale

SUMMARY

8 Bulls	\$ 6,600: avg.	\$825
48 Females	37,430: avg.	780
56 Head	44,030: avg.	786

THE Tenth Annual Aberdeen-Angus Show and Sale sponsored by the Southwestern Regional Angus Association was held at Tulsa, Okla., November 2.

Topping the sale at \$4,200 was Blackcap Bessie of ROF 6th, a May, 1952 daughter of Black Peer 34th of Angus Valley. This good Blackcap Bessie heifer was consigned by Red Oak Farm, Rocky Comfort, Mo., and sold to Triple J Ranch, Poteet, Texas. Bringing the second top money of \$4,100 from Sondra-Lin Stock Farm, Fort Worth, Texas, was Gammer of Robin Hood, a two-year-old granddaughter of Eileenmere 487th, consigned by Robin Hood Farm, Bixby, Okla. This top Gammer heifer sold bred to Rally Black Prince.

Black Peer A G proved to be the top selling bull as he went to R. D. Stanfield, Broken Arrow, Okla., on a bid of \$2,500. A. J. Gorges, Fall River, Kansas, consigned this good two year old son of Black Peer 28th of Angus Valley. Selling for \$1,025, the second top price for bulls, was Burgess Peer 2nd of Flying H, a December, 1950 son of Black Peer 28th of Angus Valley, consigned by C. W. Hill and Son, Wewoka, Okla. J. R. Polston, Coweta, Okla., was the buyer.

Les Ljungdahl and Warren Benson placed the cattle for sale order.

Auctioneers were Roy Johnston and Ray Sims.

Quality Prince Aberdeen-Angus Sale

SUMMARY

3 Bulls	\$ 5,250: avg.	\$1,750
51 Females	53,810: avg.	1,055
54 Head	59,060: avg.	1,094

A LARGE crowd attended the Quality Prince sale of Aberdeen-Angus cattle held November 3 at Stillwater, Okla. This annual sale features grandsons and granddaughters of Quality Prince of Sunbeam, the son of Black Prince of Sunbeam used so successfully in the Okla. A&M herd.

There were only three bulls offered in the sale, the top one selling for \$3,500.

He was Quality Master Prince 19th, a December, 1951, son of Quality's Master Prince, consigned by Oklahoma A&M College at Stillwater. Robert Simpson, Eufala, Okla., was the buyer. Prince Quality of Bar W 40th, a January, 1952, son of Prince Quality of O. A. M. C. 8th, consigned by A. M. Wilkins, Henderson, Texas, brought \$1,350 on a bid from Cantrell Angus Farm, Hydro, Okla.

The top selling female and top selling individual of the sale was Alford's Q.P. Bessie 2nd, a May, 1951, daughter of Alford's Quality Prince, consigned by Carlton Corbin, Ada, Okla. She went to Homer Deakins & Sons, Longview, Texas, on a bid of \$4,500. Bringing the second top price of the sale of \$4,000 was A. J. Quality Gammer 2nd, a March, 1953, daughter of Quality Prince 19th, consigned by Arthur Johnson, Ryan, Okla. The Annex, Cushing, Okla., was the buyer of this Good Gammer heifer.

Auctioneers were Roy Johnston and Ray Sims.

Texas Farm Bureau Opposes Cattle Price Supports

THE Texas Farm Bureau Federation, meeting at Mineral Wells for their state convention Nov. 11, voted down a move to endorse a 90 per cent of parity support under cattle at the producer level and thereby put that organization on record of rejecting direct support prices for the beef cattle industry.

More than 500 voting delegates voiced opposition to a motion that the resolution on the livestock policy be changed to list cattle as a basic commodity under full price support. The vote against supports carried by an estimated three to one margin when the delegates vetoed the motion both by voice and standing vote.

The delegates also voted to approve that part of the livestock resolution dealing with the highway livestock law and laxity of the present branding and inspection laws.

A part of the resolution read as follows: "That the U. S. Secretary of Agriculture be commended for starting an investigation into the tremendous spread in price between that paid for livestock on foot and the retail price. We recommend that this investigation be continued and expanded and that its findings be publicized."

The Farm Bureau acreage retirement plan, chief objective of which is to encourage the shifting of production from overproduced crops to those in short supply and the retirement of acres to soil-conserving crops or be allowed to lie fallow, passed by almost unanimous vote.



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Texas Livestock Markets' Review

Price Range at Fort Worth, Houston and San Antonio During Past Month

FORT WORTH Trade on the Fort Worth Livestock Market during November was featured by rather liberal cattle and calf receipts and strong to higher prices for most classes. Cattle receipts on the local market during November show a liberal gain over a year ago and calf receipts are also larger. Local hog receipts continue very light and sheep supplies this month were little more than half the number offered during November of last year.

Around 30 per cent of the mature offerings in the cattle yards this month comprised cows, the remainder largely yearlings, including many stockers. Recent sales compared with a month ago show slaughter steers and yearlings selling steady to weak, some sales 50 cents lower. Practically all cows are \$1.00 higher and bulls strong to 50c higher. Slaughter calves are from \$1.00-1.50 higher than a month ago. Stocker cattle and calves are from \$1.00-3.00 higher.

Choice fed steers and yearlings moved recently from \$21.00-23.50, mostly \$23.00 down, and some prime club yearlings reached \$26.50 early in the month. Good grades were reported from \$17.00 to \$20.00, commercial \$13.00-15.00, utility \$10.00-12.00 and cutters \$9.00 and less.

Commercial cows were scarce on most days, a few selling from \$11.50-12.50 and odd head to \$13.00. Utility cows turned recently from \$9.50-11.00. Canners and cutters sold largely from \$6.50-9.00, some above \$9.00 and shelly cannors from \$5.00-6.00. Commercial bulls were reported from \$11.00-12.00. Canner, cutter and utility bulls sold from \$7.00-11.00.

Good and choice slaughter calves are crossing the scales from \$13.00-16.50, with a few over 550 lb. calves to \$17.00 and as high as \$18.00. Utility and commercial calves were reported from \$8.00-12.00 and culls from \$7.00-8.00.

Demand has been fairly broad for stocker cattle and calves recently, apparently due to improved pasture prospects. Medium and good stocker and feeder steer yearlings moved from \$12.00-16.50, with a few choice \$17.00-17.75. Early in the month choice 795 lb. feeder yearlings brought \$18.50. Good and choice stocker steer calves sold mostly from \$15.00-18.00, a few to \$19.00. Medium calves moved from \$12.00-14.00 and heifer calves \$15.00 downward. Medium and

good stocker cows cashed from \$9.50-12.00, common down to \$8.00.

Shippers and small killers competed with packers for the light supply of butcher hogs offered from day to day. Recent sales were 50c-75c lower than a month ago and sows were \$1.50 lower. Choice 190-250 lbs. sold during the third week of November from \$21.00-21.50, latter price top so far this month. Choice 155-185 lbs. turned from \$18.50-21.00 and sows from \$18.00-19.50. A few feeder pigs moved from \$17.00 down.

Slaughter lambs have predominated in the sheep yard this month. Compared with a month ago, slaughter lambs, yearlings and ewes are mostly \$1.00 higher and feeder lambs \$3.00 higher. Good and choice wooled slaughter lambs sold recently from \$18.50-19.00 and shorn slaughter lambs from \$17.00-18.00. Early in the month choice wooled lambs brought \$20.00-20.50. Utility to choice slaughter yearlings are selling from \$11.50-15.00 and cull to good slaughter ewes from \$5.50-7.00. Medium and good feeder lambs are moving from \$15.00 to \$17.50 and shorn feeder lambs \$14.00 down.

SAN ANTONIO Some price improvement was noted on some classes in cattle trading on the San Antonio market during November, with stocker calves showing the most advance of 50c-1.00 higher as compared to prices at the close of the preceding month. Slaughter steers and yearlings were steady to 50c higher. Cows and bulls were 25c-50c lower and slaughter calves were steady to \$1.00 lower.

Offerings in the slaughter steer division included a load high good and mostly choice 950 lb. fed steers at \$23.00. A load choice 880 lb. steers bought to arrive also cashed at the same figure. Loadlots good and choice mixed steers and heifers scaling 800-850 lbs. earned \$22.25. Bulk of yearlings, mostly off grass, grading commercial to good scored \$13.00-17.00 and lightweight utility and low commercial yearlings took \$10.50-12.00. Cutter to low utility grass steers moved at \$10.50-11.50.

Scattered offerings of commercial cows commanded \$11.25-12.00, while the bulk utility cows sold in a range \$8.50-11.00, mostly \$9.00-10.50. Cannors and cutters changed hands at \$6.00-9.00. Individual commercial bulls reached \$12.00-

12.25 but bulk of offerings were cutter and utility selling at \$9.00-10.00.

Limited offerings of good and choice slaughter calves scored \$15.00-16.00, with commercial to good lots going at \$12.00-14.00. Cull and utility offerings moved largely in an \$8.50-11.00 spread.

Trading in the stock and feeder division was marked by the sale of one string of three to five-year-old feeder steers scaling near 1,100 lbs. and carrying some flesh at \$16.50. Another string 1,225-1,240 lbs. took \$15.00. Small lots medium and good yearling feeder steers scored \$12.00-14.00. Good and choice stocker steer calves were taken at \$14.50-16.00, similar heifers going at \$13.00-15.00. Medium to good mixed steers and heifers, largely crossbreds, sold at \$12.00-14.00.

Hogs showed a 25c gain over prices being paid at the close of the previous month. Good and choice 180-275 lb. barrows and gilts sold direct to packers ranged \$20.50-20.75 at the close of the third week of the period. Choice sows 350 lbs. down made \$18.50-18.75, heavier weights down to \$17.00.

Limited numbers of good to choice wooled lambs sold at \$16.00-17.50 with utility down to \$14.00 and culls down to \$11.00. Good and choice shorn lambs with No. 1 skins rated \$16.00-16.50, No. 2 skins at \$15.00-15.50. Utility and good shorn yearlings moved at \$12.00-13.00. Bulk cull and utility shorn ewes and wethers ranged from \$4.00-7.00, few good to \$8.50. Medium and good feeder lambs sold at \$13.00-14.00, with good to choice lots going at \$15.00-15.50.

Medium to good Angora goats reached \$5.85, few good heavy Angora wethers to \$6.75. Bulk common and medium goats changed ownership at \$4.50-5.50. Common and medium slaughter kids earned generally \$4.00-4.50 per head.

HOUSTON Trading activity was generally brisk at the Port City Stockyards during the past month. Government buying of boned meat stimulated the cow market, the decreasing supply of better grades of calves was one factor in the calf market while the broader demand for stocker calves helped in that quarter. Only bulls and beef type cows found slow trading at times.

Very few slaughter steers were offered during the month but some stocker steers

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arrived. Cow receipts were fairly large with the bulk grading canner and cutter. More than enough bulls to supply the demand came in at times. Calf supplies were large with commercial and lower grades dominating the slaughter division, and cross-bred and Brahman types in the majority in the stocker division.

The total salable receipts for the month amounted to approximately 8,200 cattle and 32,050 calves, or 5,000 head more than were offered the previous month. During the corresponding month of 1952, 4,488 cattle and 20,166 calves came to market showing a gain of about 63 per cent for the month of the current year in comparison.

The demand was the deciding factor in the prices paid for the liberal receipts. Cows closed about steady with the previous close, slaughter calves advanced \$1.00-1.50, and Brahman and cross-bred stocker calves were up about \$1.00. Bulls

lost \$1.00. Utility and commercial slaughter cows closed from \$8.50-11.00 after selling some higher earlier in the month, canner and cutter cashed from \$6.00-8.50, cutter grade up to \$9.00 and \$9.50 at mid-month. Cutter and utility bulls ranged from \$8.00-11.00 with a few individual commercial to \$12.00. Good to choice slaughter calves brought from \$14.00-17.00 the last week of the month while utility and commercial went from \$9.00-14.00 and cull from \$7.00-9.00. Medium and low good whiteface stocker calves made from \$10.00-12.50 with medium cross-bred and Brahman types from \$10.00-12.00. Common and medium stocker steers cashed from \$9.00-12.00 with common and medium stocker cows from \$8.00-10.50.

Fort Worth Stock Show To Feature Western Horses

WESTERN type horses, always one of the most interesting divisions of the Southwestern Exposition and Fat Stock Show, again will be a feature of the Fort Worth show, Jan. 29 through Feb. 7.

The Quarter Horse division will begin on Jan. 27, which is two days before the official opening of the Fat Stock Show, the advance date being set in order that preliminary performance events may be held. The Quarter Horse show will end at noon on Jan. 31.

On Jan. 27, eliminations for the open cutting horse contest will take place, with the field being narrowed to 36. The contest, which is approved by the National Cutting Horse Association, will be a feature at each of the 19 performances of the rodeo and horse show in Will Rogers Memorial Coliseum.

Quarter Horses will be shown in both halter and performance classes. Performance classes are divided into cutting horses, roping horses and reining horses. The Quarter Horse show is approved by the American Quarter Horse Association. In both quality and numbers, the Fort Worth exposition's Quarter Horse show is the greatest in the world, says Douglas B. Mitchell, assistant manager of the Stock Show and superintendent of the horse show.

The schedule for Palominos differs from previous years. In the past, the golden horses have been shown simultaneously with the Quarter Horses, but in 1954 the Palominos come in immediately after the Quarter Horses. The Palomino show begins on the afternoon of Jan. 31 and continues through Feb. 2. The advantage of the new arrangement is that a larger number of both Quarter Horses and Palominos can be accommodated and an adequate number of tack rooms will be available, which has not been the case the last several years when entries had to be turned away for lack of room.

Palomino horses will be shown in halter classes and in performance classes—and both halter and performance classes will be in two divisions: stock horse type and pleasure type. In addition, there are four classes open to both types: Western pair class; silver-mounted class (ladies); silver-mounted class (men), and the silver-mounted stake, which brings together the first, second and third-place winners of the silver-mounted classes. The Palomino show is approved by the Texas Palomino Exhibitors Association. Horse show entries close Jan. 8.

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Range News of the Southwest

Texas

Winter range and pasture feed prospects brightened materially as a succession of rains soaked practically the entire state during the last half of October. Small grains were making excellent growth with the much improved moisture. Stock have already been turned on many wheat and oat fields, and much additional acreage will soon be ready. In central, eastern and southern counties, rescue grass, clovers and winter weeds were up and making good early growth. Cured native range and pasture feed is generally short, particularly over the western two-thirds of the state, and very little growth of warm season grasses was made before frost. Freezing temperatures and frosts penetrated into southcentral and southeastern counties on November 10 and brought the summer growing season to an end over much of the state. In the northwest, these frosts were a week or 10 days later than average, but in the southcentral counties they were two or three weeks earlier than average. If the unusually promising small grain pastures materialize as expected green feed will be available throughout the winter over much of the state. Condition of all range feed was reported at 73 per cent on November 1, compared with 69 per cent a month ago, and 56 per cent a year earlier. The 10-year average for this season of the year is 80 per cent.

Cattle and calves were going into the winter in fair to good condition. Some cattle are thin in the west and southwest where ranges were practically bare of grass. In east Texas cattle and calves were showing some shrinkage during early October on the dry, unpalatable grass, but were again on the upgrade. Over the entire northwest, farmers were looking for light stocker calves and yearlings to graze the oncoming small grain pastures. A heavy movement into that area was underway during the first week of November. All cattle and calves were reported at 77 per cent condition on November 1 compared with 78 per cent a month ago. A year ago condition was reported at 71 per cent, and the 10-year average is 83 per cent.

Ewes and lambs were improving in condition over the plateau as early October rains were bringing along some grass and weeds. Oat pastures in the northern and eastern plateau were generally well stocked, but more rain is still needed in parts of that winter grazing area to assure adequate feed through the winter. Condition of all sheep were reported at 78 per cent on November 1,

compared with 75 per cent a month ago. The 10-year average condition is 83 per cent.

Cattle Sales and Prices

Where sex is not given on sale, excepting calves, the reference is to steers. As "The Cattleman" goes to press several days before date of release, range conditions may have changed since these reports were made.

AMARILLO—Jack Tyler, Quitaque, sold 19 steer and heifer calves to Clem Freimel, Umbarger.

E. E. Alexander, Buffalo, Okla., bought 272 heifer calves and 306 steer calves from Ross Alexander, Amarillo; and 56 heifer yearlings from John Fain, Amarillo.

W. M. Barrick, Amarillo, shipped 57 heifer and steer calves to Dixon, Ill.

R. L. Hullett, Amarillo, sold 143 heifer calves to E. L. Hensley, Oklahoma.

Harry Johnson, Amarillo, sold 210 steer calves to Rodman & Schindler, Owasco, Nebr.; and 201 heifer calves to Dick Cline, Amarillo.

Francis Exum, Amarillo, sold 14 steer and heifer calves to Sam Sington, Dalhart.

Frank Robinson, Panhandle, sold 28 two-year-old heifers to Frank Cooper, Amarillo.

H. H. Elam, Wildorado, sold 125 steer yearlings to Geo. Porter, Amarillo.

Edgar Kimpson, Dumas, sold 79 cows and calves to Foster Pickett, Iowa.

Mrs. D. M. Keiller, Palo Duro, sold 123 stocker steers and heifers to John Clay, Kansas City.

Sam Katara, Groom, sold 116 two-year-old steers to Arthur Letts, Greeley, Colo.

Frank Cobb, Amarillo, sold 55 stocker steers to Lloyd Schnede, Wheatland, Iowa.

Jim Weymouth, Exell, sold 200 steer yearlings to Ralph Bolin, Savanna, Ill.

R. C. Cline, Hartley, sold 340 steer yearlings to Dunk McKee, Etter.

R. C. Johnson, Ware, sold 785 steer yearlings to Glenn Bros. & D. Graham, Texas points.

C. L. Killgore, Exell, sold 357 two-year-old steers to Dinner & Martin, Cloverley, Colo.

Art Wagnor, Perico, shipped 525 steer yearlings to Hasswell, Colo., for the winter.

Harding & Ware, Perico, sold 176 two- and three-year-old steers to Dinkledge & Everhart, Windsor, Colo.

Emil Knutson, Hitchland, sold 456 steer yearlings to Fred Witter, Texhoma, Okla.

We have had good moisture for wheat and lots of it is coming up. Grass is thin but looks good for winter grazing. Rough-

ness and hay are scarce. We are getting pretty well stocked for winter grazing. All range cattle are in good flesh for the winter.

Mrs. Garland Sanford, Fritch, shipped 500 steer and heifer calves to Rosebud, N. M., for the winter.

Steer calves are selling 16c to 20c; heifer calves, 13c to 16c; two- and three-year-old heifers, 8c to 13c; dry cows, 6c to 12c; cows with calves, \$90 to \$140; yearling steers, 14c to 19c; twos, 15c to 18c.—N. H. Sweeney.

BENJAMIN—P. A. Brooks, Midland, sold 86 calves to Gene Thompson, Munday.

Caton Jacobs, San Angelo, sold 147 two-year-old steers to W. R. Moore, Munday.

Oscar Ballerstedt, Seymour, sold 45 feeder steers to Deaton Moorhouse, Lubbock.

Loveless and Spiser, Eden, sold 42 Angus cattle to Chas. Moorhouse, Benjamin.

J. E. Birdwell, Post, moved 70 cows to grain fields in Throckmorton County.

A good many calves are being put on grain fields over the country, which are very good for this time of year. However, a good deal of the grain is too late to make much pasturage. The demand for good stocker calves has increased lately and the supply has been ample so far. The cotton crop is about three-fourths gathered.—Chas. Moorhouse.

BRADY—There is very little trading going on in this section. We have had a little rain since last report but are in need of more moisture. Most of the ranchmen have worked their cattle and have them ready for the winter.—Herman Porter.

CLARENDON—Britten & Katara, Groom, sold 40 cows to Mr. Hibler, Wheeler; 100 calves to Mat Fields, Groom; 44 calves to Bennie Urbanczyk, Groom; and bought 45 steer yearlings from Hermesmeyer Bros., Jericho; 22 heifer yearlings from Ed Hughes, McLean; 48 cows and calves from Sam Dyer, Clarendon; and calves from the following: 100 from J. O. Rice, McLean; 40 from B. W. & Clyde Brown, McLean; 50 from Mr. Gossett, McLean; 39 from Clyde Yoes, McLean; 20 from Thomas DeSpain, McLean; 35 from F. H. Davison, Shamrock; 32 from J. E. Ryan, Clarendon; 102 from Dusan Pakan, McLean; 54 from Ollie Hommell, McLean; 44 from Manse Lyle, Shamrock; 55 from James Noel, McLean; 40 from Joe Willis, McLean; and 50 from Buck Glass, McLean.

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Shelton & Chamberlain, Clarendon, sold 360 steer yearlings to Leo Singer, Amarillo; 250 cows to David Duffy, Oklahoma City; 105 calves to B. N. Head, Clarendon; 59 steer yearlings to Bob Andis, Pampa; 200 calves to Hermes-meyer Bros., Jericho; and bought 90 steers from W. J. & Wm. Lewis, Clarendon; 124 calves from Tom Wilson, Hedley; 93 calves from Earl Allen, Hedley; 154 from R. C. & C. M. Bell, Paducah; 60 from Houston Bell, Clarendon; 66 steer yearlings from Bell & Fleming, Childress; and 19 steer calves from J. G. Grogan, McLean.

L. T. Shelton, Clarendon, bought 255 calves from Mrs. E. W. Bromley, Clarendon; and 120 from G. C. Carruthers, Stamford.

B. N. Head, Clarendon, sold 78 steer calves to Shelton & Chamberlain, Clarendon; 61 cows to Frank Scarborough, Weatherford; and bought 80 calves from Frank White, Clarendon; 14 from Clyde Slavin, Clarendon; and 25 heifer yearlings from W. C. Thornberry, Clarendon.

Billie Davis, Pampa, sold 98 steer calves to Fred Hobart, Pampa.

Osborne & Osborne, Pampa, sold 279 steer yearlings to Wallace Locke, Miami.

Bob Andis, Pampa, bought 137 steer yearlings from Rip Barrett, Pampa; 120 calves from J. S. Morse, McLean; 85 steer yearlings from Johnnie Hankins, Pampa; 123 from Cliff Vincent, LeFors.

Leo Singer, Amarillo, bought 200 steer yearlings from Knorpp Bros., Clarendon; 74 from John S. Bugbee, Clarendon.

JA Cattle Co., Paloduro, sold 450 steer calves to T. L. Roach & Son, Amarillo.

C. L. Lewis, Clarendon, sold 37 two-year-old heifers to B. B. Snider, Denver.

Andis & Son, Pampa, shipped 140 steer yearlings to Montfort Feed Lots, Greeley, Colo.

W. H. Taylor, Archer City, sold 261 steer calves to Jack Jackson, Pampa.

Johnnie Hankins, Pampa, sold 408 steer yearlings to Charlie Ford, Amarillo.

Ransom Bros., Claude, sold 165 calves to Fred Windsor, Madison, Kans.

We have had an ideal fall, with no bad weather at all. There was good moisture but it was too late to make grass. However, it has made a lot of wheat grazing.

Steer calves are selling 18c to 20c; heifer calves, 16c to 18c; dry cows, 8c

to 10c; cows with calves, \$100 to \$140; yearling steers and twos, 17c to 18s.—A. T. Jefferies.

GRAHAM—We have had good rains in this section of the country since last report and the range and cattle are in better shape than they have been for nine years.

There are a few buyers from New Mexico but cattle prices through local sales are a little under the market price.—D. T. Flowers.

HEBBRONVILLE—Some sections of Jim Hogg and Zapata Counties have had showers and some big rains. Surface tanks in this section, which depend upon rainfall, have plenty of water. Most all of the cattle are in good flesh. Cowmen are still working their herds, shaping up for the winter. There have been some inquiries for cattle locally and otherwise but not many sales reported.

The following prices have been in effect at local sales rings: White-faced stocker calves, 11½c to 15½c; Brahman stocker calves, 9c to 12½c; good to choice calves, \$14.50 to \$16.80; medium to good calves, 12c to 14½c; common calves, \$9.50 to \$11.75; rannies down to 6c; butcher cows, 8½c to 10½c; canners and cutters, 6½c to 8½c; shelly kinds were down to 5c; bulls, 8½c and 9½c; cows and calves, \$65 to \$140 per pair; shelly pairs, down to \$35.00.—Jack H. Mims.

HOUSTON—No range sales reported. The auction rings and stock yards have had heavy runs. We have had good rains and most of the cattle are going into the winter in good condition.—G. O. Stoner.

LIBERTY—Most of this area has had a heavy frost, making cattle shipments to market heavy. No stocker sales to report. Calf prices are steady.—Buck Eckols.

LUBBOCK—Dick Low, Lubbock, sold 213 cows to J. L. Birdwell, Lubbock.

We had rain over most of this country around the first of November. Since that time the weather has been pretty. We will need more rain to make good wheat pasture. There is very little trading go-

ing on except through local markets.—J. W. Drace.

MARFA—Worth Evans, Ft. Davis, shipped 525 calves and 300 cows to California feed pens; 200 calves to California parties; 511 cows and bulls to grass at Encinal; and sold 53 calves to J. W. Espy & Sons, Ft. Davis.

Clay Espy, Ft. Davis, sold 90 calves to Otto McMahon, Rochester, Ill.

Lem Jones, Junction, bought 209 cows and 83 calves from Nelson Lett Co., Bal-morhea.

Turkington Bros., Letts, Iowa, bought one car of calves from George Mimms, Marfa; 483 steer calves from Petan Ranch, Marfa; and 298 steer calves from A. R. Eppenaure, Marfa.

Mrs. Jessie Kirk, Marfa, sold 145 cattle to A. L. Cooper, Big Spring.

Joe Mitchell, Marfa, bought one car of cows from Hays Mitchell, Marfa; 4 cars of cows from George Jones, Marfa; 3 cars of cows from Reid Bros., Ft. Davis; 2 cars of cows from Mrs. M. E. Gillett, Marfa; 1 car of cows from Lane Est., Marfa; and 4 cars of calves from L. K. McCutcheon Est., Ft. Davis.

Cato-Gage Ranch, Marfa and Marathon, sold 333 steer calves to Hunter Bros., Amarillo; 15 cars of calves to Maurice Cohen, San Antonio; and shipped 1,000 calves to South Texas oat fields.

L. K. McCutcheon Est., Ft. Davis, sold 4 cars of cows to Harvey Martin, San Angelo.

Hays Mitchell, Marfa, sold 3 cars of cattle to L. A. Hansen, Concordia, Calif.; and bought 4 cars of calves and yearlings from Merrill & Schwartz, Ft. Davis.

Melvor & Melvor, Ft. Davis, sold 3 cars of cows to Oklahoma parties; 1 car of cows to Peyton Pkg. Co., El Paso; and 4 cars of calves to Turkington Bros., Letts, Iowa.

Petan Ranch, Marfa, sold 241 heifer calves to California parties; and 112 cows to Peyton Pkg. Co., El Paso.

Thomas Degan, San Antonio, bought 3 cars of cows from G. E. Smith, Marfa; 5 cars of cows from Gage Holland, Alpine; 2 cars of cows from Combs Cattle Co., Marathon; 785 cattle from Fletcher Cattle Co., Marfa; and 1 car of cows from Lane Est., Marfa.

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Lane Est., Marfa, shipped 2 cars of calves to Corn Belt feeders.

W. H. Kokernot & Sons, Alpine, sold 280 calves to Thomas Degan, San Antonio, and 20 cars of cattle to the Fort Worth market.

Gage Holland, Alpine, sold 6 cars of steer calves to Maurice Cohen, San Antonio.

Bill Bunton, Marfa, sold 2 cars of calves to Harvey Martin, San Angelo; and 2 cars of cows to A. L. Cooper, Big Spring.

Sam Humphries, Marfa, sold 41 cattle to A. L. Cooper, Big Spring.

R. B. Mitchell, Marfa, bought 1 car of calves from Humphreys & Co., Marfa; 148 calves from Frank Cross, Marfa; and 3 cars of cattle from Clovis Moore, Valentine.

J. S. Hill, Graham, bought 178 cows from C. K. Smith, Marfa; and 48 cows from Mrs. R. K. Morrill, Fort Davis.

Highland Cattle Co., Marfa, sold 2 cars of calves to Robert Corbett, Breckenridge.

Coffield-Gearheart, Marfa, sold 396 calves to J. W. Espy & Sons, Ft. Davis; and 121 cows to Sabinal parties.

Fletcher Cattle Co., Marfa, sold 802 calves and yearlings to Art Newcomb, Hamlin; and 114 heifer yearlings to Hays Mitchell, Marfa.

George Jones, Marfa, sold 480 calves to J. W. Espy & Sons; and 1 car of cows to Peyton Pkg. Co., El Paso.

Mueller Ranch, Ft. Davis, bought 45 calves from M. D. Bryant, Marfa, and 41 from L. K. McCutcheon Est., Ft. Davis.

Mrs. M. E. Gillett, Marfa, sold 47 heifer yearlings to H. A. Lowe, Lubbock.

Kerr Mitchell, Marfa, sold 70 calves to Mitchell Bros., Marfa.

Clyde McFarland, Marfa, sold 2 cars of cows to John Bean, El Paso.

H. L. Kokernot, Jr., Alpine, sold 54 cars of calves and yearlings to the Texas L. S. Marketing Assn., Fort Worth; and sold 88 cars of cattle on the Fort Worth market.

Reynolds Cattle Co., Kent, shipped 1,026 cattle to the Fort Worth market.

Popham L. & C. Co., Balmorhea, sold all their cattle to Ross Rentfro, Amarillo, who put them on feed at Brownfield.

All of this country is still very dry with no old grass to feed on. A great amount of hay will be necessary for roughness this winter. Most of the ranches are from one-third to one-half stocked. Shipping is finished for the year.—Cecil Rourk.

MULESHOE—Wilkie Roberts, El Paso, bought 200 steer and heifer yearlings from E. K. Warren & Son, Muleshoe; and shipped 4 cars of mixed calves to Arlington, Ariz.

Ward Golden, Muleshoe, sold 96 steer yearlings to A. R. Letts, Amarillo.

John S. McMurtry, Muleshoe, sold 20 cows on the Oklahoma City market; and 7 bulls on the Amarillo Livestock auction.

Halsell Cattle Co., Amherst, shipped 40 cows to the Oklahoma City market; 200 cows and 429 mixed calves to Bovina feed lots; and sold 389 steer calves to Richard Adams, Amarillo; and 40 bulls to Ewing Halsell, Owasso, Okla.

R. L. Hulett, Amarillo, shipped 3 cars of mixed calves to Madison, Kans.

Demand for all classes of cattle is better since last report. We have had good rains and there was no killing frost until November 9th. A large portion of the lower Panhandle and South Plains area has not had a killing frost yet and grass is still growing. There is some wheat grazing now and will be more later. There are more cattle on feed in this section than ever before and there will be enough grass to winter the breeding herds. Most of the contracts have been filled but local sales rings have a liberal supply of cattle each week.

Steer calves are selling 17c to 22c; heifer calves, 15c to 17c; two- and three-year-old heifers, \$90 to \$125; dry cows, 11c to 13c; cows with calves, \$140; yearling steers, 16c to 18c.—Jno. S. McMurtry.

ODESSA—Clark Bros., Crane, sold 92 two-year-old steers to Arizona feeders.

Kansas feeders bought 45 steer calves from Pete Fernandez, Odessa; and 73 from Waddell Bros., Odessa.

Andy Faskin, Midland, bought 30 steer calves from Mrs. Dub Edwards, Monahans; and 60 from McKnight Bros., Odessa.

Millard Eidson, Lovington, N. M., sold 314 two-year-old heifers and 15 bulls to John Birdwell, Post.

Morris Cooper, Midland, bought 57 mixed calves from Hugh Ratliff, Odessa; 65 from Pete Wheeler, Odessa; and 55 from Glen Allen, Monahans.

W. B. Cotton, Andrews, sold 125 steer calves to Illinois feeders.

A. C. Ward, Seminole, sold 250 steer calves to Kansas buyers.

No ranch sales reported. Prices have been stable on most classes for the past month. Local sales rings have had fairly good runs. The moisture we got last month has done little to help winter grazing and there have been several shipments to wheat grazing.

Steer calves are selling 17c to 19c; heifer calves, 16c to 18c; two- and three-year-old heifers, 13c to 15c; dry cows, 7c to 12c; cows with calves, \$100 to \$135;

yearling steers, 14c to 16c; twos, 13c to 15½c.—George L. Brown.

QUITAQUE—Gage Garrison, Silverton, bought one trailer load of calves from H. H. Schweitzer, and Albert Daffern, Matador; and two trailer loads of calves from Duke Lipscomb, Matador.

Virgle Lee Mattney, Amarillo, sold 130 cows and 131 calves to Jimmie Webb, Silverton.

Wade Welch, Silverton, bought 33 cows, 41 calves and one bull from Carl Kitchens, Briscoe County; and sold two trailer loads of mixed cattle to A. C. Wilkinson, Pampa.

Clovis Comm. Co., Clovis, N. M., sold 100 dry cows to Bundy Campbell and Travis Jones, Daugherty.

Roy McMurtry, Silverton, sold 4 trailer loads of big cows to Hollis, Okla., parties.

Tony Burson, Silverton, sold 2 cars of yearlings to Smiley Triplett, Amarillo.

O. C. Payne bought 40 steer calves and yearlings from Webb Taylor, Floyd County; 21 cows and 2 bulls from Duke Lipscomb, Northfield; and shipped 45 steer calves and yearlings to St. Joseph, Mo.

O. W. Stroup, Quitaque, sold 94 steers, heifers and calves, bulls and stags to Vernon Morgan, Amarillo.

Bill Cushion, Brice, sold 75 choice steer calves to Ray Barr, which were going to Garner, Iowa.

Swenson's, Garza, sold 60 steers and 20 heifer calves to Spur Exp. Sta., Spur.

Roy Allard, Brice, sold 13 steer calves to Garner Sales Co., Garner, Iowa.

T. W. Bell, Hall County, sold 100 steer yearlings to Adams & Thine, Dumas.

Martin Crews, Childress, bought black, motley faced calves from the following: 3 truck loads from Dr. W. E. Burleson, Motley and Floyd Counties; 2 truck loads from Taylor Bros., Floyd County; and a shipment from Roy McMurtry, Silverton.

Bert Hawkins, Quitaque, sold 36 calves to Mr. Townson, Happy.

Doc Bell, Turkey, sold 28 steer yearlings to Townson, Happy.

Dean Hawn, Lubbock, bought 5 trailer loads of cows and 12 calves from Seminole parties.

Billy Lewis, Clarendon, shipped 500 cows to the Oklahoma City market; 250 yearlings to Keatons, Lubbock; and 100 cows to John Clay & Co., Kansas City.

A lot of cattle in this country have been going to wheat and a lot of stockmen are still looking for wheat pastures. The early wheat will give a lot of grazing and the late wheat is coming up to a stand, as most of this country has had some moisture since last report. The rain was heavy to the south—Motley, Dickens, Kent and Garza Counties got some heavy

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rains. It was too late to do the grass much good but made tank water and helped the wheat and oats.

Steer calves are selling 15c to 19c; heifer calves, 13c to 17c; dry cows, 7c to 10c; cows with calves, \$90 to \$150 per pair; yearling steers, 15c to 18c; bulls, 8c to 10½c.—Maynard Wilson.

SAN ANTONIO—No country sales to report. Big runs of cattle are coming to the San Antonio market on Mondays and Tuesdays. We have had good rains since last report but need more rain at this time.

Steer calves are selling 14c to 16c; heifer calves, 12c to 15c; dry cows, 8c to 10c.—J. E. Hodges.

SWEENEY—We have had plenty of rain in this section, with three light frosts. Stocker calves have moved fairly good here—this area has some good cross bred calves. Most of the cattle that were to be sent to salt grass have gone. We have had about twice the normal run at local auctions. Mosquitos and flies are still plentiful along the coast.

Steer calves are selling 12c to 14c; heifer calves, 13c to 17c; two and three-year-old heifers, \$55 to \$85; dry cows, 9½c to 12c; cows with calves, \$75 to \$110; yearling steers, 10½c to 13c.—Leonard Stiles.

TAHOKA—No cattle sales to report. Steer calves are selling 18c to 20c; heifer calves, 17c to 18c; dry cows, 11c to 12c; cows with calves, \$110 to \$125.—B. L. Parker.

VICTORIA—Henry Koontz, Inez, bought 100 mixed Brahman heifers from The L Ranch Co. These cattle will be pastured on the Koontz Ranch in Victoria and Calhoun Counties.

Trading has been slow. A lot of cattlemen have started grazing their winter oats and wheat. They have a good supply of winter feed on hand and range conditions are good, but a little rain at this time would help.

A lot of cattle have moved to market. Fat and good calves are selling 12c to

15c; stocker calves, 10c to 12c; fat butcher cows, 8c to 10c; canner cows, 5c to 8c; bulls, 9c to 12c.—Lester Stout.

Eighteenth Annual Brownwood Hereford Sale

SUMMARY

32 Bulls	\$ 8,215.00; avg.	\$256
22 Females	5,417.50; avg.	246
54 Head	13,632.50; avg.	252

THE Eighteenth Annual Brownwood Hereford Sale was held at Brownwood, Texas, on Saturday, November 21, with the entire offering going to breeders in Texas and Mississippi.

Top and champion sale bull was a September 1952 son of HG Proud Mixer A and was consigned by Bowen Hereford Farms, Coleman, Texas. This bull went to Hutchinson Hereford Ranch, Godley, Texas, for \$1,060.

Second top selling bull was consigned by Dudley Bros., Comanche, Texas. He was a May 1952 son of WHR Destiny 10th and sold to E. F. Harrison, Gorman, Texas, for \$725.

The top selling female was a July 1952 daughter of Proud Mixer 522 and consigned by Heston McBride, Blanket, Texas. She sold for \$490 to W. J. Harvey, Sweetwater, Texas.

The offering was not in high condition and buyers made many good purchases at reasonable prices.

Walter Britten was the auctioneer.

Woody Hereford Ranch Sale

SUMMARY

20 Bulls	\$13,795; avg.	\$690
38 Females	27,570; avg.	726
58 Head	41,365; avg.	713

WOODY Hereford Ranch, Barnard, Kansas, held its annual sale Monday, November 16 at the American Royal Building in Kansas City, Mo.

Top selling bull and second top of the sale was a January 1953 son of Zato Heir P 47th and out of an own daughter of MW Larry Domino 36th. This good prospect sold for \$1,950 to Beeks Hereford Farm, Baldwin, Kansas.

Second top selling bull was another son of Zato Heir P 47th and out of a

daughter of Larry Domino 50th. He went to Davis Hereford Farm, Cameron, Mo., for \$1,100.

Top of the sale was a 1951 cow with a bull calf at side by Domino Heir 55th. They sold to Beeks Hereford Farm for \$2,000.

Second top female was a May 1952 daughter of Larry Domino Return and bred to Tone Heir 70th. She went to Milky Way Hereford Ranch, Phoenix, Ariz., for \$1,500.

The offering went to breeders in Arizona, Iowa, Missouri, South Dakota and Kansas with J. M. Hoss, Lyons, Kansas, taking nineteen head.

Jewett Fulkerson, Gene Watson and C. D. "Pete" Swaffar were the auctioneers.

Capital Area Hereford Sale

SUMMARY

49 Bulls	\$15,230; avg.	\$311
19 Females	5,625; avg.	296
68 Head	20,855; avg.	307

TOPPING the Capital Area Hereford Sale held November 12 at Austin, Texas, was the champion sale bull, JJ Larry Plus 3rd, a January, 1952, son of JHR Plus Return 5th, consigned by Jack Ebeling, Round Mountain, Texas. Ryan Howard, Lampasas, Texas, was the buyer of this excellent herd sire prospect. Bringing the second top money was the reserve champion sale bull, 3HR Royal Prince 1st, a January, 1952, son of Royal Prince 6th, consigned by J. O. Hood and Son, Lometa, Texas. Robinson Ranch, McNeil, Texas, was the buyer on a bid of \$620.

The top selling female at \$500 was the sale champion, MHR Royal Lady 6th, a January, 1952, daughter of SMR Royal Domino 8th, consigned by N. A. Mason, Bartlett, Texas. She went to Circle Plus Farms, Giddings, Texas. Selling for \$415 to R. L. Lock, Buckholts, Texas, was Lady Mixer 5th, a November, 1952, daughter of SMR Royal Domino 427th, consigned by D. M. Mayfield, Buckholts.

Walter Britten was the auctioneer.

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Hammon Hereford Sale

SUMMARY		
15 Bulls	\$10,965; avg.	\$609
60 Females	36,660; avg.	611
78 Head	47,565; avg.	610

HAMMON Hereford Ranch, owned by W. H. Hammon, Wichita Falls, Texas, held its annual sale on the ranch near Wichita Falls on Friday, November 13 with a good offering going to breeders in Kansas, Oklahoma and Texas.

The top bull was a May 1951 son of MW Larry Domino 80th, with this good bull going to R. T. Herrin, Houston, Texas, for \$2,000.

Second top price of \$1,500 for bulls was reached twice. Charles Green, Emory, Texas, purchased a September 1951 son of MW Larry Domino 11th and Joe Johnson, Fort Worth, Texas, selected a September 1951 son of WHH Royal Duke 2nd.

Top of the sale was reached when R. D. Cravens, Oklahoma City, Okla.; purchased a November 1951 daughter of MW Prince Larry 50th, carrying the service of Prince Larry C, the 1953 Reserve Champion bull at Denver. This good female went to Mr. Cravens for \$4,000.

Second top female was a daughter of MW Larry Domino 11th carrying the service of Prince Larry C. She went to Woody Hereford Ranch, Barnard, Kansas, for \$2,300.

The largest buyer was Charles Green, Emory, Texas, taking thirty-nine head with Joe Johnson, Fort Worth and R. T. Herrin, Houston taking several head.

G. H. Shaw, Walter Britten and Gene Watson were the auctioneers.

South Texas Hereford Association Fall Hereford Sale

SUMMARY		
58 Bulls	\$16,335; avg.	\$282
14 Females	3,815; avg.	273
74 Pens Bulls	21,875; avg.	295
41 Pens Cows	8,820; avg.	215
187 Head	50,845; avg.	272

THE 17th annual fall Hereford sale held by the South Texas Hereford Association at Beeville November 3 was made up of consignments from 40 members of the association. While some of the cattle were fitted, the major portion were in range condition and sold in pens of two, three and four. The wide assortment of quality and type gave ranchers an excellent opportunity to select bulls of popular bloodlines in sufficient quantity to fill the needs of their commercial herds.

Two bulls topped at \$600. T. H. Heard, Beeville, bought LW Proud Prince 205th,

a son of RS Proud Prince 2nd, and R. Waggoner & Sons, San Marcos, Texas, bought Real Zato Mixer by HHH Proud Mixer 1st. The latter was champion sale bull.

Two females topped at \$380, Bar J Ranch, buying both of them. One was by Plus Blanchard 4th and the other by Royal Domino 7th. Both were consigned by T. B. Jones, Beeville.

Dick Jones, Beeville, paid \$510 each for the grand champion pen of three bulls. Two were sons of WHR Proud Mixer 71st and one was by THR Baca Duke. They were consigned by Thornton Hereford Ranch, Boerne, Texas.

T. G. Taylor, Bowling, Texas, bought the champion pen of three females, consigned by Loma Ranch, Blanco, Texas. They were bred to AY Proud Mixer 20th.

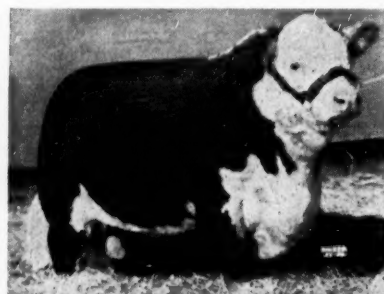
Walter Britten and G. H. Shaw sold the cattle.

New Mexico Hereford Range Bull Sale

SUMMARY		
217 Bulls	\$41,870; avg.	\$193

THE annual range bull sale sponsored at Clovis, New Mexico, by the New Mexico Hereford Association, scored a satisfactory average of \$193 without any extreme tops.

Dr. Prince Baldwin 1st by Prince Beau Baldwin 305th consigned by Alan Doak of Gladstone, New Mexico, took the champion honors and went on to top the sale, going to Mrs. Dortha Burns of Nara Visa, New Mexico, for \$520. Reserve champion bull was El Plus Domino 30th by El Plus Domino 2nd, consigned by Elmer Langford and Sons of Texico,



ALF Battle Mixer 30th, champion Polled Hereford bull at the American Royal and Pacific International Livestock Exposition, owned by John M. Lewis & Sons, Larned, Kans.

New Mexico, and sold to Dunlap and Snow, Encino, New Mexico, for \$300.

Second top of the sale was set on a guest junior consignment by Robert McFarland, Jr., of Logan, New Mexico, and going to Mrs. Burns at \$470. The bull was consigned under the program sponsored by the New Mexico Hereford Association by which 4-H and FFA youngsters who show their bulls or heifers in the State Fair junior breeding show are permitted to sell their animals in the Clovis sale.

Top selling pen of bulls was the champion pen of three consigned by Jack Davenport of Farlen, New Mexico, going to Riss Bishop of Mountaineer, New Mexico, at \$460 per head.

Walter Britten, Gene Watson and Lloyd Otten were the auctioneers.

Texas Hereford Roundup Sale

SUMMARY		
274 Bulls	\$ 59,525; avg.	\$241
219 Females	48,620; avg.	222
466 Head	108,145; avg.	232

THE second annual Texas Hereford Roundup Sale was held at Fort Worth, Texas, on November 23 with the entire offering selling the first day of the scheduled two-day sale.

Seventy breeders consigned and sold cattle in the sale, with the offering going to buyers from Louisiana, Mississippi, Oklahoma, Nebraska and Texas.

Top of the sale was consigned by Libb Wallace & Son, Sonora, Texas, on a January, 1952, son of Star Domino 371st. This good bull went to Nash Ranch, Austin, Texas, for \$885.

Second top bull was consigned by Jim Hering, McGregor, Texas. This March, 1952, son of JH Larry Domino 44th went to Julian Ball, Cresson, Texas, for \$840.

The champion and top selling pen of bulls was consigned by John and Margaret McInnis, Byrds, Texas. All were coming two years old and by SIR Mixer Flash 4th, and sold for \$660 to F. W. Fisher, Tyler, Texas, who purchased many of the top bulls in the sale.

Top female was consigned by Dudley Bros., Comanche, Texas. This good female was by JJ Larry Domino 7th and went to Lonnie Rooney, Wilson, Okla., for \$760.

Second top female sold for \$655 and came from Fulwiler Herefords, Abilene, Texas. She was a September, 1949, daughter of HG Proud Mixer 677th and went to J. H. "Dizzy" Dean, Kaufman, Texas.

Walter Britten and G. H. Shaw were the auctioneers.

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**4-H Beef Improving Program
Started in Rio Grande Valley**

A NEW beef-improving program, designed to teach farm youth better methods and practices in breeding and producing beef cattle, was begun in the Rio Grande Valley of Texas in November.

The program is being sponsored by the Sears Roebuck Foundation and includes the presentation of a purebred Brahman heifer to deserving 4-H Club members in the Rio Grande Valley area. The foundation presented one heifer each to James Bray of Weslaco, Paul David Hansen of Donna, Bill Ruth and Johnny Caldwell of La Feria and Jimmy Ellington and Richard Kolterman of Lyford.

The heifers were carefully chosen and represent some of the best breeding in the United States. The animals were received from the herds of Jack Garrett, Danbury; A. J. Dingle, Brazoria; J. D. Hudgins Ranch, Hungerford; C. K. Boyt, Devers; J. V. Gates, Poteet; and Henry Koontz, Inez, all of whom are members of the American Brahman Breeders Association.

Harry Gayden, executive secretary of the ABBA, said that the breeders had supplied the 4-H members with animals worth far more than their purchase price and he expects the program to be highly successful.

**Officials for San Antonio
Stock Show Named**

TOP livestock specialists of Texas have accepted appointments as department superintendents for the February 12-21, 1954, San Antonio Stock Show, Mark L. Browne, chairman of the general livestock committee of the exposition, has announced.

Thirteen major departments of the show will be manned by the specialists during the ten-day show which is offering approximately \$87,000 in premiums.

Superintendent for the Angus department, which is offering \$5,440 in premiums, is A. L. Smith, Extension Service, College Station.

Milburn Kothmann, San Antonio, will be superintendent for the dual Brahman show. Premiums offered for ABBA and PAZA Brahman shows have been set at \$3,000 for each department.

The secretary of the American Brangus Breeders Association, W. S. "Bill" Edwards, Vinita, Okla., has been chosen as superintendent of the Brangus depart-

ment which is offering \$2,520 in premiums.

The Hereford department will be under the direction of Frank N. Newsum, County Agricultural Agent, Alpine, Texas. Hereford premiums total \$8,000.

F. P. Bohanan, Agricultural Agent, Southern Pacific Lines, Liberty, Texas, will act as superintendent for both the Polled Hereford and Shorthorn departments of the exposition. Premiums offered total \$1,500 for Polled Herefords and \$3,000 for Shorthorn cattle.

A new department in the 1954 San Antonio Show is the competitive classes scheduled for Santa Gertrudis cattle which also will be supervised by A. L. Smith, along with the Angus department. Premiums offered for the new department total \$2,000.

J. A. Marshall, area supervisor, vocational agriculture, Georgetown, Texas, has accepted the position of superintendent of the Dairy Cattle and Milking Shorthorn departments of the '54 San Antonio show. Ted Martin, extension service, Weslaco, Texas, will assist Marshall in the operation of both departments.

Breeding sheep and goats, in both the open and junior show, will be supervised by J. A. Gray, extension service, San Angelo, Texas, with the assistance of Jack B. Taylor, secretary-treasurer of the American Rambouillet Sheep Breeders Association, San Angelo.

Bill Oliver, teacher of vocational agriculture, Kerrville, Texas, will act as superintendent of the Fat lambs and he will be assisted by Bill Rector, head, department of agriculture, Seguin Lutheran College.

All fat steers will be supervised by Dick Hartman, agricultural director, Central Power and Light Company, Corpus Christi, Texas, with the assistance of E. L. Tiner, area supervisor, vocational agriculture, Big Spring, Texas.

The 4-H and FFA grass judging contest will be supervised by a group headed by W. P. Coleman of San Antonio. Assistants include A. H. Walker, extension service, College Station; Don Windrow, soil conservation service, San Antonio, and Charles D. Parker of Kingsville.

Official veterinarian for the show is Dr. John N. McCamish, San Antonio.

General livestock superintendent for the entire show is Robert B. Tate, Bexar County Agricultural Agent, San Antonio. V. G. Young, district agent of the extension service at Gonzales, Texas, will again act as superintendent of records, assisted by Uel D. Thompson of the extension service. Arena director for the ten-day exposition is Frank B. Wines, A and I College, Kingsville, Texas, who will be assisted by Roy Henke of Kerrville.

Steve W. Blount, Jr., assistant manager of Bexar County Coliseum, will serve as superintendent of buildings and grounds for the 1954 show.

**Palo Pinto Hereford Association
Sale****SUMMARY**

20 Bulls	\$4,290; avg.	\$215
14 Females	3,535; avg.	253
34 Head	7,825; avg.	230

THE Palo Pinto Hereford Association's seventh annual sale was held November 6 at Mineral Wells, Texas. Topping the sale at \$380 was the champion sale bull, Lamplighter H 271st, an April, 1951, son of Modern Mixture, consigned by Barney Carter, Tyler, Texas, A. H. Brackeen, Palo Pinto, Texas, was the buyer. The second top selling bull, AHR Real Domino 67th, a July, 1951, son of Real Lad, Jr., 94th, came from the herd of L. C. Atkinson, Throckmorton, Texas. He went to J. N. Williams, Putnam, Texas, on a bid of \$305.

The champion and reserve champion sale females proved to be the two top selling females and both were consigned by Julian Ball, Cresson, Texas. Jack Pickard, Weatherford, Texas, who bought most of the 14 females offered, was the buyer of these two good heifers. The champion, Miss Publican Domino 24th, a September, 1952, daughter of AEF Publican Domino 24th, sold for \$320 and the reserve champion, Lady Mix 47th, an October, 1952, daughter of HG Proud Mixer 2094th, brought \$365. Walter Britten was the auctioneer.

"Easy Does It"

A NEW booklet, entitled "Easy Does It," which outlines some of the ways the producer can avoid damage to livestock en route to market, has been prepared by Swift and Company and is now available to the readers of The Cattleman.

The booklet reveals the fact that carelessness destroys enough meat to supply the daily needs of a half million people. Bruises suffered by livestock en route to market are expensive to both the producer and the consumer and 66 per cent of bruises suffered by cattle are caused by crowding, bumping and rushing when they are en route to the market.

Copies of the booklet may be obtained by writing to the Agricultural Research Department, Swift & Company, Union Stock Yards, Chicago 9, Ill., along with the notation that the reader learned of the booklet in The Cattleman.

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LIVESTOCK CALENDAR

HEREFORD SALES

- Dec. 1—Sweetwater Area Breeders, Sweetwater, Texas.
 Dec. 2—Coleman County Breeders, Coleman, Texas.
 Dec. 3—Dellford Ranch, Eldorado, Kans.
 Dec. 5—Blanco County Hereford Breeders, Johnson City, Texas.
 Dec. 7—Bridwell Hereford Ranch, Wichita Falls, Texas.
 Dec. 8—Clay County Hereford Breeders, Henrietta, Texas.
 Dec. 9—Western Oklahoma Hereford Sale, Clinton, Okla.
 Dec. 10—Cravens Ranch, Oklahoma City, Okla.
 Dec. 10—Greenbelt Hereford Br. Assn. Sale, Childress, Texas.
 Dec. 11—Lowery Hereford Ranch Bull Sale, Duncan, Okla.
 Dec. 12—Hereford Heaven Range Bull Sale, Ardmore, Okla.
 Dec. 14-15—Montgomery Hereford Ranch, Madera, Calif.
 Dec. 15—R. T. Alexander & Son, Canadian, Texas.
 Dec. 18-19—Moseley Hereford Ranch Disp., Sacramento, Calif.
 Jan. 7, 1954—Howard-South Plains Hereford Assn., Big Spring, Texas.
 Jan. 8—Mid-Texas Hereford Assn., Stephenville, Texas.
 Jan. 9—Concho Hereford Assn., San Angelo, Texas.
 Jan. 11—A. H. Karpe, Greenfield Hereford Ranch Sale, Bakersfield, Calif.
 Jan. 12—Far-ker Ranch, Chelsea, Okla.
 Jan. 26—Ellis County Hereford Br. Assn., Shattuck, Okla.
 Jan. 27—Top O' Texas Hereford Breeders, Pampa, Texas.
 Jan. 29—S. E. New Mexico Hereford Assn., Roswell, N. M.
 Feb. 2—Southwestern Hereford Sale, Fort Worth, Texas.
 Feb. 8—J. F. McNatt, Greenville, Texas.
 Feb. 9—Gulf Coast Hereford Breeders Assn., Columbus, Texas.
 Feb. 10—Hill Country Hereford Assn., Mason, Texas.
 Feb. 10—Tri-State Hereford Breeders Assn., Clayton, N. M.
 Feb. 11—Southwest Oklahoma Hereford Br., Lawton, Okla.
 Feb. 11—Cedar Lane Farms, Greenville, Miss.
 Feb. 12—Beckham County Hereford Br. Assn., Sayre, Okla.
 Feb. 13—Birdwood Farms, Charlottesville, Va.
 Feb. 17—Five States Hereford Breeders, Boise City, Okla.
 Feb. 17—Breeders Opportunity Sale, Pawhuska, Okla.
 Feb. 22—East Texas Hereford Br. Assn., Tyler, Texas.
 Feb. 22—W. R. Gilfoil & Co., Tallulah, La.
 Feb. 24—Woodward County Hereford Br., Woodward, Okla.
 Feb. 24—Panhandle Hereford Breeders, Amarillo, Texas.
 Mar. 1—Bryan County Hereford Assn., Durant, Okla.
 Mar. 2—Southwest Branch Arkansas Hereford Br. Assn., Coliseum, Hope, Ark.
 Mar. 4—Louisiana Hereford Assn., Delhi, La.
 Mar. 5—King Herefords, Canton, Miss.
 Mar. 6—Sand Hills Hereford Sale, Odessa, Texas.
 Mar. 8—CK Ranch, Brookville, Kans.
 Mar. 9—Louisiana Hereford Assn., Baton Rouge, La.
 Mar. 10—Cravens Ranch Annual Range Bull Sale, Oklahoma City, Okla.
 Mar. 10—Circle H Ranch, Winona, Miss.
 Mar. 12—Big Pasture Hereford Assn., Walters, Okla.
 Mar. 15—Oklahoma Hereford Breeders, Oklahoma City, Okla.
 Mar. 17—MW Larry Domino 43rd Club, Greenville, Miss.
 Mar. 22, 23—Hillcrest Farms, C. A. Smith Estate Disp. Sale, Chester, W. Va.

DECEMBER 1953						
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FEBRUARY 1954						
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MARCH 1954						
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OCTOBER 1954						
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NOVEMBER 1954						
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- Mar. 23—Mississippi Hereford Assn., Jackson, Miss.
 Mar. 29—Magic Empire Spring Sale, Hugo, Okla.
 May 18—Magic Empire Four State Sale, Joplin, Mo.

POLLED HEREFORD SALES

- Dec. 12—National Western Polled Hereford Assn., Denver, Colo.
 Jan. 11, 1954—Halbert & Fawcett, Miller, Mo.
 Jan. 18—Malone Ranch, Meridian, Miss.
 Jan. 22—Double E Ranch, Senatobia, Miss.
 Jan. 25—Brown County Polled Hereford Assn., Brownwood, Texas.
 Feb. 15—Circle M Ranch, Senatobia, Miss.
 Feb. 16—Mid-South Polled Hereford Assn., Memphis, Tenn.
 Mar. 1—Spring Lake Ranch, Tupelo, Miss.
 Mar. 3—Panola-Tate Calf Sale, Senatobia, Miss.
 June 7—Panola-Tate Calf Sale, Senatobia, Miss.

ANGUS SALES

- Dec. 8—Nocona Cow and Calf Sale, Nocona, Texas.
 Dec. 9—Moore Bros., Joe Lemley, Herman Allen Bull Sale, San Angelo, Texas.
 Dec. 11—Hill Country Angus Sale, Fredericksburg, Texas.
 Dec. 12—Red River Angus Assn. Range Bull Sale, Wichita Falls, Texas.
 Dec. 14—Stoneybroke Ranch, Ada, Okla.
 Jan. 19, 1954—(Night) National Western Angus Sale of Registered Females, Lamont Pavilion, Denver, Colo.
 Jan. 20—National Western Angus Bull Sale Individuals and Pen Groups, Denver, Colo.
 Jan. 23, 1954—Ralph L. Smith, Chillicothe, Mo.
 Jan. 25—Sunbeam Farms, Miami, Okla.
 Jan. 26—Angus Valley Farms, Tulsa, Okla.
 Feb. 6—E. W. Thompson, Sedalia, Mo.
 Feb. 18—Hays Ranch, 77 Ranch, Kerrville, Texas.
 Feb. 19—Esas Ranch, San Antonio, Texas.
 Feb. 20—M & L Ranch, Burnet, Texas.
 Feb. 27—Moore Bros.-Lemley-Allen Female Sale, San Angelo, Texas.
 Mar. 2—N. W. Oklahoma Angus Assn., Enid, Okla.
 Mar. 3—S. E. Oklahoma Assn., Antlers, Okla.
 Mar. 11—O K Angus Assn., Blackwell, Okla.
 Mar. 15—Ames Plantation, Herrybrooks Farm, Grand Junction, Tenn.
 Mar. 16—Oklahoma Angus Assn., Oklahoma City, Okla.
 Mar. 22—Southern Oklahoma Assn., Ardmore, Okla.
 April 12—Wichita Mountain Angus Sale, Lawton, Okla.
 April 22—Oklahoma Angus Assn. Spring Female Sale, Muskogee, Okla.
 April 26—Ben Snure, Apache, Ariz.

SHORTHORN SALES

- Dec. 9—Central Texas Shorthorn Breeders Sale, Stephenville, Texas.
 Dec. 11—Elmcrest Invitational Sale, Pawnee, Ill.
 Jan. 9, 1954—Oklahoma Shorthorn Breeders Heifer Calf Sale, Fort Cobb, Okla.

HORSE SALES

- Feb. 6, 1954—Lester Goodson Quarter Horse Sale, Magnolia, Texas.

GENERAL

- Dec. 8—Western Okla. Hereford Show and Sale, Clinton, Okla.
 Jan. 5-9, 1954—Arizona National Live Stock Show, Phoenix, Ariz.
 Jan. 12-14—American Natl. Cattleman's Assn., Colorado Springs, Colo.
 Jan. 15-24—National Western Stock Show, Denver, Colo.
 Jan. 29-Feb. 7—Southwestern Exposition and Fat Stock Show, Fort Worth, Texas.
 Feb. 3-14—Houston Fat Stock Show and Livestock Exposition, Houston, Texas.
 Feb. 7-14—El Paso Southwestern Livestock Show and Rodeo, El Paso, Texas.
 Feb. 12-21—San Antonio Livestock Exposition, San Antonio, Texas.
 Feb. 22-26—Amarillo Fat Stock Show, Amarillo, Texas.
 Feb. 22-27—Austin Livestock Show, Austin, Texas.
 Feb. 25-28—San Angelo Livestock Exposition, San Angelo, Texas.
 Mar. 3-6—Sand Hills Hereford and Quarter Horse Show, Odessa, Texas.
 Mar. 23-24—77th Annual Convention Texas and Southwestern Cattle Raisers Association, San Antonio, Texas.

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Sale—December 11
 Duncan, Oklahoma

LOCO, OKLAHOMA

Sale—December 11
 90 Two-Year-Old Bulls
 30 Heifers

Stanton and Cox & McInnis Show Champions at Beeville

STANTON'S Hereford Ranch, Johnson City, Texas, and Cox & McInnis, Byrds, Texas, showed the champions in the South Texas Hereford Feeder Breeder show held at Beeville Nov. 2-3. The champion bull was SHR Return 279th, shown by the Stantons, and the champion female was Lady Triumph 5th, shown by Cox & McInnis.

Straus Medina Hereford Ranch, San Antonio, showed both reserve champions. The reserve champion bull was Medina Triumph 136th and the reserve champion female was Straus Royal Lady 204th.

Straus Medina won the get of sire class on the get of TT Royal Triumph.

Other first prize winners include Mason Hereford Ranch, Bartlett; R. S. Welch, Berclair; and Fair Oaks Ranch, Boerne.

Awards by classes to three places follow:

Senior Yearling Bulls: 1, Straus Medina Hereford Ranch, San Antonio, on Medina Triumph 71st; 2, Bennie Wilson, Berclair, on Plus Domino 97th; 3, Stanton's Hereford Ranch, Johnson City, on SHR Return 230th.

Junior Yearling Bulls: 1, Mason Hereford Ranch, Bartlett, on MHR Larry Domino 15th; 2, Kallison's Ranch, San Antonio, on Diamond's Crook of Gold; 3, Fair Oaks Ranch, Boerne, on FO Elite Master 8th.

Summer Yearling Bulls: 1, E. S. Welch, Berclair, on Blanchard Domino Lad 51st; 2, Straus Medina on Medina Triumph 402nd; 3, Mason Hereford Ranch on MHR Royal Domino 49th.

Senior Bull Calves: 1, Stantons on SHR Return 279th; 2, R. J. Roeder & Son, Yorktown, on Real Zato Mixer; 3, Cox & McInnis, Byrds, on Triumph Duke 17th.

Junior Bull Calves: 1, Straus Medina on Medina Triumph 136th; 2, Stantons on SHR Larry Return 293rd; 3, Roeder & Sons on Larry Heir.

Champion Bull: Stantons on SHR Return 279th.

Reserve Champion Bull: Straus Medina on Medina Triumph 136th.

Three Bulls: 1, Straus Medina; 2, Stantons; 3, Cox & McInnis.

Two Year Old Heifers: 1, Fair Oaks Ranch, Boerne, on Lady FO Rosa.

Senior Yearling Heifers: 1, Cox & McInnis on Lady Triumph 5th; 2, Straus Medina on Straus Royal Lady 74th; 3, Masons Hereford Ranch on MHR Royal Lady 100th.

Junior Yearling Heifers: 1, Stantons on Miss SHR Return 278th; 2, Straus Medina on Straus Royal Lady 100th; 3, Cox & McInnis on Lady Triumph 14th.

Summer Yearling Heifers: 1, Straus Medina on Lady Royal 400th; 2, Straus Medina on Straus Royal Lady 121st.

Senior Heifer Calves: 1, Fair Oaks Ranch on FO Lady Elite 1st; 2, Straus Medina on Straus Royal Lady 133rd; 3, Cox & McInnis on Lady Triumph 37th.

Junior Heifer Calves: 1, Straus Medina on Straus Royal Lady 204th; 2, Stantons on Miss SHR Larry 312th; 3, B. I. DuBose & Son, Devine, on MHR Royal Lady 68th.

Champion Female: Cox & McInnis on Lady Triumph 5th.

Reserve Champion Female: Straus Medina on Straus Royal Lady 204th.

Two Females: 1, Cox & McInnis; 2, Straus Medina; 3, Fair Oaks Ranch.

Pair of Yearlings: 1, Cox & McInnis; 2, Straus Medina; 3, Mason Hereford Ranch.

Get of Sire: 1, Straus Medina; 2, Cox & McInnis; 3, Fair Oaks Ranch.

Pair of Calves: 1, Straus Medina; 2, Stantons; 3, Cox & McInnis.

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CASWELL MFG. CO. Dept. 41 CHEROKEE, IOWA

Brook-Shahan Aberdeen-Angus Sale

SUMMARY		
4 Bulls	\$ 4,350; avg.	\$1,088
88 Females	46,625; avg.	530
92 Head	50,975; avg.	554

A LARGE crowd, including breeders from several states, was present November 11 for the Brook-Shahan Aberdeen-Angus sale held on the Brook Ranch near Brady, Texas. The top selling animal of the sale was Miss Blackcap Bessie of SAR 38th, a December, 1952, daughter of R. L. S. Prince Eric 16th and out of a Master Prince 2nd dam. Gorman's Triple J Ranch, Poteet, Texas, got this good Blackcap Bessie heifer on a bid of \$3,600. Mecom Angus Ranch, Houston, Texas, got the second top selling female, Miss Bummer of SAR, a Maid of Bummers Miss Burgess calf by R. L. S. Prince Eric 16th, on a bid of \$2,800. Going to the same buyer for \$1,800 was Miss Burgess MP of SAR, a November, 1952, daughter of Master Prince 7th of Essar. Selling to Gorman's Triple J Ranch for \$1,125 was Shady Springs Eileenmere, a six-year-old daughter of Prince 4th D. D.

There were only four bulls offered, the top selling one going for \$1,500. He was Brook Prince S. 33rd, a January, 1952, son of Prince Sunbeam 323rd, and an excellent herd sire prospect. J. Paul Karcher, Crockett, Texas, was the buyer. Two other bulls brought \$1,000 each. Brook Prince 33rd, a September, 1951, son of Brook Prince, sold for \$1,000 to Joe May, Fort Worth, Texas, and J. W. Shook, San Saba, Texas, paid the same figure for Prince Eric of Shahan, a February, 1952, son of R. L. S. Prince Eric 16th.

The auctioneer was Ray Sims.

Cattlelog

Two Santa Gertrudis bulls were crowned grand champions of all classes in two recent Louisiana Parish fairs, the Santa Gertrudis Breeders Association announces. A two-year-old Santa Gertrudis bull, owned by 16-year-old Pierre Livaudais of Folsom, La., won top honors at the St. Tammany Parish Fair, competing against all breeds, including Herefords, Angus and Brahman. A yearling Santa Gertrudis bull, owned by Roy Leblanc of Houma, La., was awarded the grand championship in all classes at the Terrebonne Parish Fair. Both bulls were bred by the Armstrong Ranch at their Oak Alley Plantation, Vacherie, La., and were sired by Uncle Tom, the bull who also sired the reserve champion female and two bull calf champions at the recent Texas State Fair.

Carl W. Reppeto, head cattle buyer for Armour & Co. at Fort Worth since 1947, has been named supervisor of Armour & Co.'s cattle feeding operations. The position also entails checking and handling order buying connections with the firm. J. M. Hogan succeeds Reppeto.

Robert J. Kleberg, Jr., president of King Ranch, has been elected to the board of directors of the Texas Research League, a non-political and non-partisan group organized to assist state officials in realizing greater economy and efficiency in state government. The league was organized in 1952 and is financed by

several hundred Texas firms. Its headquarters are in Austin.

An Aberdeen-Angus steer shown by Miss Clifford Wilkerson, Newellton, La., was grand champion over all breeds at the Junior Livestock Show held in conjunction with the recent Louisiana State Fair. The steer was bred by Marydale Angus Farms, St. Francisville, La.

Twenty-two Santa Gertrudis calves, 14 bulls and eight heifers were exported to Cuba the latter part of November by Lakegrove Plantation, Newellton, La. The cattle were purchased by Dr. Estanislao Delvalle and Carlos Delvalle of Havana, Cuba, and were approved for export by the Santa Gertrudis Breeders International. The buyers selected the calves on the plantation which is owned by David M. Lide and Son.

Pecan Acres Ranch, home of Jumbo Brahman cattle, has announced four recent sales to South America. Dr. Orlich, representing the Minister of Agriculture for the government of Costa Rica, recently purchased Jumbo No. 500, a top two year old bull. "This bull represents one of the best specimens we have been able to find," Dr. Orlich said, "and will be used by our government for artificial insemination."

Vernon Frost, owner of Pecan Acres Ranch has also sold 32 head of heifers and bulls to be shipped to Colombia in December, and the sale of eight Brahman bulls to Senor Eduardo Villanueva of Caracas, Venezuela.

In October, 1953, six bred heifers were shipped to Senors Luis Tamara Samudio and Arturo M. Alvarez, Sincelejo, Colombia. Last year Pecan Acres Ranch shipped 72 head to South America and five bulls to the government of Manila. Jumbo No. 434 traveled 11,000 miles last year to be used by the government of Australia in their research program of cross breeding.

Black Gold Angus Farms Sale

SUMMARY

58 Females \$27,850; avg. \$480

THE Black Gold Angus Farms Sale of Aberdeen-Angus cattle, held at the Black Gold Angus Farms owned by Mr. and Mrs. Marvin Simpson, Robert Lee, Texas, saw 58 females sell for an average of \$480.

Top female of the sale was Zar's Lonjac Eva of Mustang, purchased by Cedar Hill Ranch, Cedar Hill, Texas for \$1,075. Essar Ranch, San Antonio, Texas, paid \$925 for Black Gold Maid of Bummers, a November, 1952, daughter of Marycrest Eileenmere 7th. Witch of Black Gold 2d, a November, 1952, daughter of Prince Georgina R&Mc sold to Curly Hays of Abilene, Texas, for \$775. Joe Benton, Nocona, Texas, paid \$810 for Georgina W. 2nd and M. & L. Ranch, Burnet, Texas, paid \$500 for Black Gold Bardella. Several animals sold for \$600, including Black Gold Maid of Bummer 2nd to 77 Ranch, Wichita Falls, Texas; Beauth of Wheatland 21st to Scoggins of Aspermont, Texas. Scoggins was one of the larger buyers of the sale.

C. C. Smith, Christoval, Texas, paid \$800 for Bandolier's Barbara H. 7th and \$700 for Black Capitola D.V.C.

Auctioneers were Roy J. Johnston and Bill Hagel.

Breeders report excellent results from advertising in The Cattleman.

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H. C. Anderson, Jr., 1276 Ave. B	Beaumont
George L. Brown, 2001 N. Sam Houston St.	Odessa
V. E. Davis	Mertzon
J. W. Drace, 3707 23rd St.	Lubbock
C. L. Eckols, Box 181	Liberty
D. E. Flowers, 303 Robertson	Bryan
D. T. Flowers, Box 291	Graham
J. T. Hamby, Jr., Box 1004	Canadian
J. E. Hodges, 137 Grapeland	San Antonio
T. E. "Pete" Howell, 711 W. Seminole	Marlow, Okla.
A. T. Jefferies, Box 92	Clarendon
J. W. Luman, Box 1210	Borger
Jack Mims, Box 201	Hebberville
B. L. Parker, Box 786	Tahoka
Travis Peeler, Box 303	Kingsville
H. O. Porter, Box 483	Brady
M. F. Potts, 1207 Marcy St.	Austin
Jesse J. Roberts, Paso del Norte Hotel	El Paso
Coy Rosenthal, Box 364	Antlers, Okla.
C. C. Rourke, Box 973	Marfa
J. L. Stewart, 3733 W. 7th St.	Fort Worth
Leonard Stiles, Box 40	Sweeney
G. O. Stoner, Box 254	Houston
L. K. Stout, 1908 East Guadalupe	Victoria
N. H. Sweeney, Box 1053	Amarillo
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C. M. Wilson, Box 463	Quitauque

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Amarillo	{N. B. Albright, Box 5056, N. Amarillo Station Walker Crawford, Box 5056, N. Amarillo Station Mrs. Juanita Crawford, Office H. B. Davis, Box 5056, N. Amarillo Station Oscar E. Hairgrove, Box 5056, N. Amarillo Station
Austin	{Frank Hall, 2804 E. 5th St. Ray B. Wilson, Jr., 2804 E. 5th St.
Denver, Colo.	K. K. Hartmann, 220 Livestock Exch. Bldg.
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San Antonio	{Herb Dahl, Livestock Exchange Bldg. James H. Rhea, Box 512, Texarkana, Stk. Yds.
So. St. Joseph, Mo.	
Texarkana	

The cost of membership in the Association is \$6.00 annual dues and 12 cents per head per year assessment on the number of cattle rendered.

The Association employs inspectors at the markets and principal shipping stations on the range. Field inspectors are also employed to travel over the range country and investigate reports of cattle stealing, etc. Association attorneys assist in the prosecution of those charged with theft of cattle owned by members.

Write for Information About the Texas and Southwestern Cattle Raisers' Association, Henry Bell, Secretary, Fort Worth

Greetings



We Wish You One and All

A Merry Christmas

and

A Happy and Prosperous

New Year

TEXAS & SOUTHWESTERN
CATTLE RAISERS
ASSOCIATION

Texas and Southwestern Cattle Raisers Association

Application for Membership

AGRICULTURE is an industry of many phases; livestock raising is among the most hazardous. In furnishing the beef of this nation the cattleman is confronted with problems which may be divided into two distinct classes, individual and common.

Individual problems are those which belong to each man separate and distinct from his neighbor or fellow industryman.

Problems of common interest are those which belong to the industry as a whole. Every cattleman knows that diligent attention must be given to matters involving legislation, marketing, finance, freight rates, meat consumption, and the like, the same as the individual must be concerned about feed, water, labor, and other ranch problems. Group action through organization alone furnishes the operating machinery for dealing with problems of common interests.

The necessity for organized effort has caused each industry to form its association. It brought into being organizations for labor and all other businesses. Livestock producers in every state or section formed representative bodies, and among the first was the Texas and Southwestern Cattle Raisers Association.

Membership is open to any cattle producer recommended by responsible parties. There are cattlemen and livestock farmers in every section of the Southwest who are not members but who should be and lend their support to the efforts of this organization in behalf of their industry.

Experienced inspectors are stationed on all the central markets to which cattle from Texas and neighboring states are ordinarily shipped. Upon authorization by a member proceeds of cattle bearing his brand are held, pending investigation, if the inspector believes that such cattle are being handled by unauthorized parties.

Field men are stationed at important range centers and inspect shipments, conduct investigations of losses by members, assist local officers in apprehending and capturing cattle thieves, and serve the membership in any way possible. An attorney furnished by the Association assists local officers in prosecuting parties indicted for theft from a member.

When filling out this application it is important that information as to marks and brands and range of cattle be as complete as possible. Draw your brands and marks on the cuts of animals on reverse side just as they appear on the cattle. Use a separate cut for each brand and state whether the cattle are of your own raising; or if bought, give the name and address of the party from whom you bought. Brands may also be recorded in the space for remarks. If a brand is a tally on bought cattle same will doubtless be in many marks and a "V" should be put in one ear and "M" in the other—indicating various marks.

Charges incident to membership are \$6 annual dues, \$2 subscription to "The Cattleman" (subscription to The Cattleman is optional), and an assessment of twelve cents per head per year on the number of cattle rendered, which number should be 65% of the actual number owned. There is also a voluntary assessment of 1 cent per head on the number of cattle rendered for the support of the National Live Stock and Meat Board. The minimum charge for membership with brand rendered is based on a rendition of 50 head, and even though you own less than 50 head, you are eligible for membership at the minimum charge. If you are now a subscriber to "The Cattleman," same will not be charged to your membership until present subscription expires.

The strength of any representative organization is entirely dependent on the support given it and the number of persons or the composite assets it is authorized to represent. The more members the Association has, the wider can be its scope of representation, and the more effective will be its endeavors.

19

To the President and Members of the Texas & Southwestern Cattle Raisers Association:

The Petition of the subscriber represents that he is desirous of becoming a member of the Association and I CERTIFY THAT I HAVE RENDERED NOT LESS THAN 65% OF THE CATTLE I AM HANDLING. In case of acceptance I agree and bind myself to conform to the By-Laws governing the Association, and to pay all dues, assessments and other charges provided for by the Association, at Fort Worth, Texas.

Name.....
(Print Name)

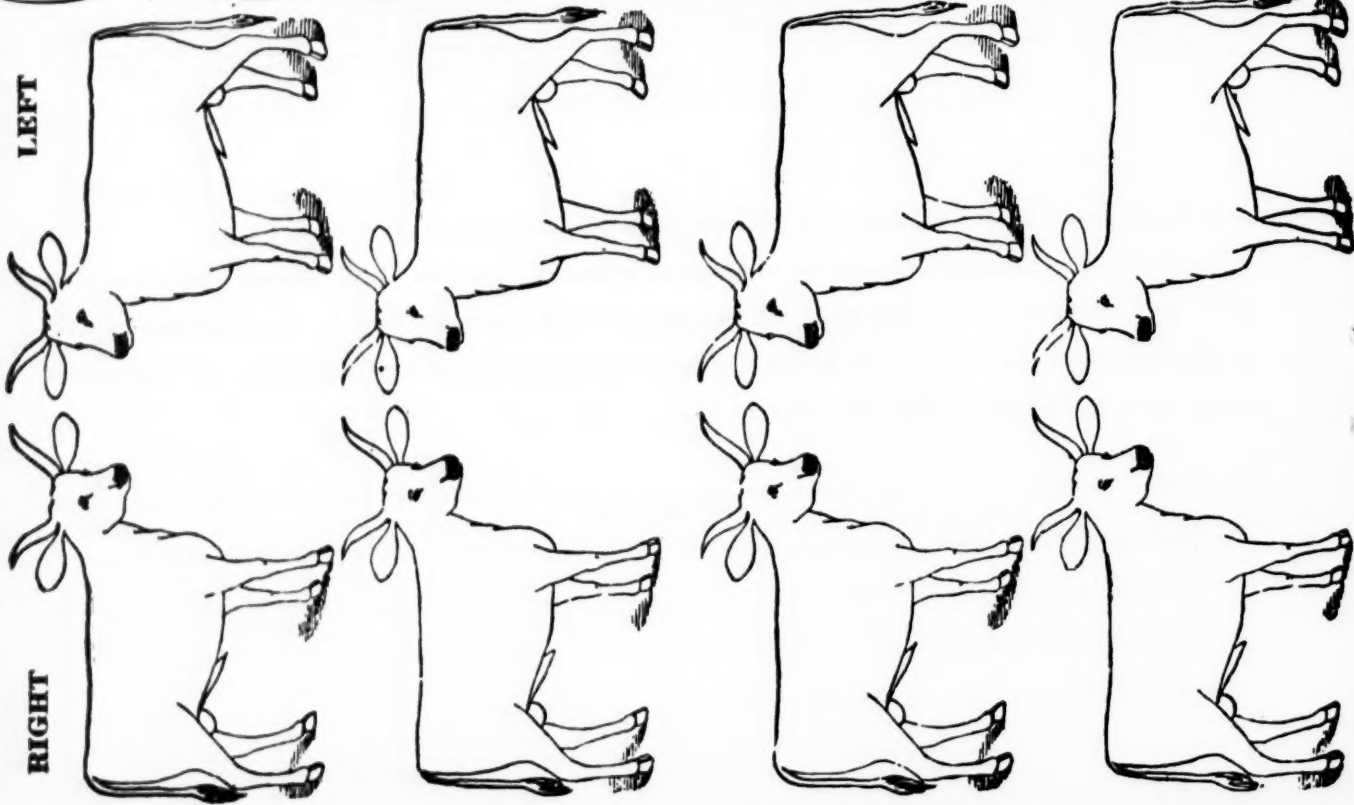
Ranch is located.....

Postoffice is.....

65% of the cattle controlled is.....

Recommended by.....

Signature of Applicant



LEFT

RIGHT

REMARKS

(For Instructions See Other Side)

HORSE BRANDS

Your Veterinarian Says . . .

WARTS ON CATTLE

IN our boyhood days we had an old man for a neighbor who claimed an infallible cure for warts on cattle. He simply counted the warts on a critter, tied an equal number of knots in a string, and then buried the string. The warts were supposed to disappear as the string rotted, and believe it or not, we never knew the cure to fail. However, we must admit that it sometimes took several months for results to appear, and on a few occasions animals were sold for beef while they were still carrying as many warts as ever. When the warts persisted in an embarrassing manner, our neighbor explained that the string wasn't rotting properly for some reason or other. With passing years we've grown skeptical of plant wizardry, but we still see a great many of the ugly growths on cattle.

They sometimes cover young animals so thickly as to make them look a lot like toads. They are usually commonest along the sides of the neck and around the ears, but they may appear on almost any part of the body. Sometimes they're no bigger than peas, but they often appear as shapeless masses which are several inches across. They usually come to our attention during the spring and winter months, and are most often seen on animals less than two years old. The warts aren't particularly dangerous, since they do little damage other than affecting the appearance of the cattle.

Warts are caused by a virus, and are mildly contagious. The means of spread isn't always known, but the infected necks and heads often indicate that it

occurs through rubbing against feed racks or stanchions or posts. Curry combs and brushes have been accused of spreading warts, and so have tattooing instruments, dehorning equipment, and clippers that have been alternately used on clean and infected animals.

Besides the string "cure" already described, there are several other methods of removing warts from cattle. An old favorite procedure calls for daily soaking of the warts with castor oil, while vinegar is also frequently used in this manner, too. Both are fairly effective, but it's hard to predict how long it will take for the warts to disappear when they're used. Accordingly, faster methods are often desirable for show stock and valuable pure bred animals.

In such cases it may be best to tie a strong thread fairly tightly around the base of some of the larger warts to cut off the blood supply. Plain rubber bands or rings used in elastrators designed for castration may also be applied for this purpose. The warts will then drop off in a week or so, leaving a completely healed surface behind them. Treating a few of the larger warts in this manner may cause all of the others to dry up and fall off, too.

Some owners prefer to cut off the warts instead of bothering with threads or rubber bands, although a certain amount of bleeding must be expected with this method. A Burdizzo emasculator ordinarily used for castration can be employed for pinching off the growths, or a pair of heavy scissors or an ordinary knife can be used for removing them. Excessive bleeding can usually be controlled by touching the wounds with a hot soldering iron. Warts on the teats of cows are best removed with a sharp scissors while the animals are dry. Bleeding in this area can be stopped by touching the wounds with a stick of silver nitrate.

A wart vaccine is available for the treatment of affected cattle, but results aren't uniformly good following its use. At best it generally takes several weeks and two or more injections for removal of warts with vaccine, so one of the other suggested methods may appear as more practical and certain for the job.

Veterinarian Research Foundation Established at Colorado A. & M.

THE establishment of a special veterinary research foundation under the sponsorship of the Colorado Cattlemen's Association, industrial organizations and Colorado A. & M. College has been approved by the Colorado State Board of Agriculture.

The new foundation will be known as the Floyd Cross Foundation, in honor of Dr. Floyd Cross, dean of the School of Veterinary Medicine at Colorado A. & M. Research on diseases of cattle which will be carried on at the foundation is expected to result in savings of thousands of dollars for Colorado ranchers.

The foundation will be located on the campus of Colorado A. & M. College and will be financed by the cattle industry. The disease problems to be studied will be handled by personnel of the college, the Colorado Agricultural Experiment Station and the Colorado Cooperative Extension Service.

Breeders report excellent results from advertising in The Cattleman.

Leptospirosis Is Spreading to New Areas

ONE of the newest major disease threats to the nation's beef, dairy and swine industries, leptospirosis, has spread to new areas of the West Coast, veterinary medical authorities have announced.

Reporting in the Journal of the American Veterinary Medical Association, veterinary scientists at the State College of Washington told of new outbreaks in areas where the disease was not suspected before.

Cattle raisers reported a sudden rise in breeding failures in their herds, authorities said. An examination showed the losses could not be explained by brucellosis or vibriosis outbreaks. Then extensive laboratory tests demonstrated the disease was leptospirosis, the report said.

Leptospirosis, a rare condition only five years ago, now has been reported in cattle in at least 40 states and in all major swine-raising areas of the nation, authorities said. The disease can "mimic" other conditions, making diagnosis difficult, they added, pointing to the similarity of the West Coast outbreaks to brucellosis losses.

Antibiotics have been used with some success in treating animals during early stages of the disease, while blood transfusions have helped in the late stages.

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SINCE 1900
COWBOY
BOOTS



& SADDLES

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Catalog

OLSEN-STEELZER
Boot & Saddlery Co.
HENRIETTA, TEXAS
at BETTER STORES

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El Paso
PARDNER?



Cattlemen are always welcome at the Paso del Norte where real "Old West Friendliness" prevails. Conveniently located downtown. El Paso's only hotel with adjoining garage.

R. L. Miller,
Manager

- DRY AIR-CONDITIONED
- GARAGE ADJOINING
- 300 ROOMS



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Paso del Norte
EL PASO, TEXAS

The Cattleman

Makes a nice Christmas gift. Send a subscription to several of your friends. One year, \$2; three years, \$5; five years, \$8. Address The Cattleman, 410 East Weatherford, Fort Worth.

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Want working manager or foreman's job. Thirty-eight, lifetime experience in cattle. In cattle business for myself until drouth. Prefer salary and percentage. 8206 Bellaire Drive, Odessa, Texas.

SOUP DOUGH biscuit recipe and full directions. \$1.00 Frank L. Murdock, Felt, Okla.

WANTED: Position as ranch operator of large or small cattle ranch. Age 37, married. Have 20 years experience of livestock. Can furnish best of References. Box 12-R, The Cattleman.

PARTS FOR ALL STOVES, ranges, heaters, furnaces. Fit guaranteed. Write for prices. Give make, model and part number. Omaha Stove Works, Dept. CT, 1204 Douglas St., Omaha, Nebr.

BOOKS FOUND Any title, new or old. Western books a specialty. Send wants today—no obligation. International Bookfinders, Box 3003-CA, Beverly Hills, California.

EXPERIENCED ranch secretary desires work from my Dallas home for rancher or stockman. Have dictaphone and typewriter. Take dictation. Excellent references. Box 12-K, The Cattleman.

LIVE STOCK PRODUCERS know your markets. Read National Live Stock Producer, 3 years \$1.00. Dept. CA, 139 North Clark Street, Chicago 2, Illinois.

SEND raw wool (or mohair) direct to factory for fine blankets, fringed robes, etc. Free literature. West Texas Woolen Mills, 415 Main, Eldorado, Texas.

BOY, 18, wants work on cattle ranch. Experienced on Colorado ranch. Has references. \$125 a month with room and board. Write John Sheppard, 1915 Lake Ave., Pueblo, Colorado.

YOUR Leather Jacket renovated expertly. FREE circular. Berlew Mfg. Co., Dept. 26, Freeport, N. Y.

WHOLESALE BUSINESS

Candy, cigarettes and groceries; dwelling and warehouse; close in, Highway 20.

L. C. LARSON & SON

Chadron, Nebraska

CUSTOM saddle making, leather and rawhide work. C. A. Robbins, Edgemont, South Dakota. No. 583.

BOY, 18, wants job on ranch. Experienced with livestock. Hard, steady worker. Good rider. For other information, write Chas. Pachall, Gail Route, Big Spring, Texas.

WANTED—Position as ranch manager or herdsman. Registered or commercial stock. Capable of handling any type ranching operations. Age 29, married, one child, degree in agriculture. Want permanent arrangements with future. References furnished. Box 12-H, The Cattleman.

GRASS SEED

Buffel Grass Seed. Strain T4464. Fresh picked, one dollar per pound. Seed ready to plant, \$1.50 F.O.B. H. W. Totman, Route 1, Rio Hondo, Texas.

KING RANCH Bluestem, Blue Panic, Buffel Grass, Coastal Bermuda (Certified Texas Grown), and many other good grasses. For delivered prices write GUY HUTCHINSON, Uvalde, Texas.

BUFFEL GRASS SEED THE WONDER GRASS OF THE SOUTH

Price \$1.25 per Pound

Write

George Eby, Jr.

BOX 108, McALLEN, TEXAS

HORSES

"HOW TO BREAK AND TRAIN HORSES"—A book every farmer and horseman should have. It is free; no obligation. Simply address Beery School of Horsemanship, Dept. 10512, Pleasant Hill, Ohio.

FOR SALE—Top using Quarter mare, 9 years of age, 14.2 hands, weighs 1000 lbs. Usually have a cutting horse for sale. Jack Raley, Valley Mills, Texas.

Brangus Briefs

By Jo HEIDEN

THIS will be our fifth anniversary at the San Antonio Exposition—our fifth year to hold Brangus classes and have our annual membership meeting in connection with the Show. A special invitation will go out to all charter members of the Brangus Association to attend the 1954 meeting and show and we hope it will be possible for each and every one to attend.

Our secretary, Raymond Pope, has just returned from a trip to Texas and New Mexico. While in New Mexico he had a nice visit with Gordon Wicks of Clovis and reports that Mr. Wicks certainly has a lot of exceptionally fine cattle on his place there. Mr. Wicks has recently taken delivery on 4 three-quarter blood bulls from the Jim Ray Ranch of Vinita, 1 three-quarter blood bull from the Clear Creek Ranch, and one from Clear View Ranch. These will be used on the best quality Angus cows.

Charles Rawson, Sarasota, Florida, has recently taken delivery on 4 half blood bulls and one Brangus bull from Clear Creek Ranch at Grenada, Mississippi.

A good registered Brangus bull from Rio Farms, Inc., of Edcouch, Texas, has gone to S. A. Womble, also of Edcouch.

Dale Baird of Longview, Texas, reports the sale of a registered Brangus bull to Landry Johnson of Kilgore, Texas.

Matt M. Syler, Manager of the Willow Springs Ranch, Burton, Texas, reports the sale of a quarter blood herd sire to Leonard Garrett, China, Texas.

Transfers have come through on four good registered Brangus heifers to Merle F. Melton of Edmond, Oklahoma. These are from the Clear Creek Ranch at Welch and will be added to the fine set of registered Brangus heifers purchased in the Northeast Oklahoma sale last month.

L. E. Garrett and Son of West Plains, Missouri report the sale of 24 half blood heifers and a quarter blood bull to R. W. Filkey of St. Louis.

We have a great many letters from breeders on file advising they would like their cattle approved for enrollment or registration. A motion made at the board of directors meeting on October 19th states that breeders should get their cattle branded, mail the applications in to the office, together with check in full to cover fee, and an inspector will call to approve the cattle his first trip to that area. A letter will be sent the breeder from the office advising the exact date an inspector will be at their place.

SCHOOL OF AUCTIONEERING

Auction School, Ft. Smith, Ark. Term soon. Free catalog. Home study course.

LEARN auctioneering. Term soon. Write for catalogue. Missouri Auction School. Box 8425A4, Kansas City, Missouri.

NEXT TERM SOON. The only Auction School conducted at an Accredited College. Our graduates are our best recommendation. G. I. approved. Write WESTERN COLLEGE OF AUCTIONEERING, Box 1458 H, Billings, Montana.

BE AN AUCTIONEER—Instruction by the nation's leading auctioneers. Write for information. NATIONAL AUCTION INSTITUTE, P. O. Box 88-C, College Station, Texas.

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RANCHES—FARM LANDS

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FARM & RANCH CATALOG

This month's brand new catalog of choice farms and ranches in many states. Good prices. Write today for your free catalog.

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FLASH—SOUTHEAST NEW MEXICO: Approx. 30 sections, capacity 500 cows ranch, 200 cows, 5 saddle horses, equipment \$85,000. Terms.

South Dakota's finest 500 capacity cow ranch. Well located and well improved. Reasonable—Bob Manuel, Colorado, Texas.

FOR SALE FLORIDA CATTLE RANCH—13,750 acres. 1500 acres in improved grasses. 1,000 acres cleared for planting. 300 acres seed beds. Drainage canals. Completely fenced and cross fenced. Lake and flowing wells. Excellent hunting and fishing. Complete equipment if desired. Reasonably priced. Convenient terms. Write Mildred White, registered broker, Box 637, Leesburg, Florida.

HEREFORDS

REGISTERED bulls and heifers, yearlings past. MRS. PEARL C. LITTLETON, Benbrook, Texas.

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PERFECT purebred Polled Herefords. \$75.00 with papers. Riebe's, Berghelm, Texas.

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CIRCLE B RANCH—Registered Shorthorn cattle. JOE F. BENNETT, Coolidge, Texas.

BRAHMAN

REGISTERED red Brahman bulls; registered gray Brahman bulls; one's to four's.—Dr. T. M. Neal, Wharton, Texas.

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Large selection of choice springers and fresh cows and heifers. TB and Bang's tested. Stanley Burnidge & Son, "Grand Hotel for Dairy Cattle," Elgin, Ill. (Hotel accommodations.) Established 1918. Also good selection at Claremore, Okla. Branch—Phone: Claremore 116.

CATTLE

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All Breeds

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FOR SALE—Accredited Santa Gertrudis cows. 4 to 6½ years. Good producers. MORGAN FARMS, Batesville, Texas.

A SELECT herd of matrons developed from Richard King foundation stock offering Richard King, Running W. and Patch Farms sired produce of quality breeding. Inquiries and visitors are cordially invited. Patch Farms, Philmont, Va.

SANTA GERTRUDIS CATTLE FOR SALE—Write or phone for free literature and price list. Offering bulls, cows and heifers certified and accredited. John B. Armstrong, Route 3, Selma, Alabama. Phone Trinity 45870.

Select, serviceable age, Santa Gertrudis bulls for sale. Running W bulls bred by the King Ranch, and Certified bulls bred by the Morgan Farms. Visitors are cordially invited. MORGAN FARMS, Box 65, Batesville, Texas.

Breeders Report Excellent Results
from Advertising in
The Cattleman.

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FOR SALE OR RENT

3700 acres deeded land, well improved, with 14,000 acres tribal Indian leases, all fenced.

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Rapid City, South Dakota

COLORADO RANCH

\$250,000 cash will handle the purchase of the finest and most beautiful ranch in Colorado's foothills. It has the most modern and beautiful ranch house in Colorado. Open winters, no haying. Rain off Pikes Peak every year. Only 20 miles from Broadmoor at Colorado Springs. About 50,000 acres including extremely reasonable state and private leases. This ranch will carry 1,000 cows. Is watered by wells, springs and creeks. Blue grama, side oats, sand drop grasses. Live stock and personality at market prices. Seller will take back mortgage on balance. Shown by appointment. WIRE OR WRITE POST OFFICE BOX 1403, COLORADO SPRINGS, COLO.

350-UNIT COLORADO RANCH

7,300 acres, 6,225 acres deeded, 1,075 state lease. Rolling grama and buffalo grass grazing land. About 2,000 acres practically sub-irrigated produces average 90% calf crop. 750 acres tillable, including 250 acres wheat land, 6 miles creek bottom, abundance of stock water, 4 wells and 5 springs always open. New two-bedroom, modern, ranch-style house, electric kitchen, automatic forced-air heat, propane gas, domestic water, soft and pure, from shallow well electric pressure system. Horse barn with shop and hay-mow, 30'x40'. Cattle barn 30'x150', spacious corrals electrically lighted, independent water supply with electric pump. Corral and barn approximately 250 yds. from dwelling area. All improvements in grove of trees, well protected. R. E. A., mail route, school bus, landing strip, 30 miles to R. R. Attractive price includes assignment of leases and partial mineral interest. Good terms can be arranged. Immediate possession.

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Colorado Springs, Colorado.

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1. 350-cow unit, 2 sets of improvements, 8,000 acres deeded, 800 acres leased, 250 acres in wheat. Good water, sandy loam, in rain belt. One of the best and priced at only \$15 per acre. Located on highway near Walsenburg, Colo.

2. 300-cow unit. New, modern 2-bedroom home and guest house, good improvements, 4 miles of creek, 6,000 acres deeded, 1,000 leased, 800 cultivated with 640 in wheat. The wheat carries all operating expense. Priced to sell quick at \$25 per acre. Located near Colorado Springs.

SEVERAL OTHER CHOICE SMALL RANCHES
CONTACT VERN SCOTT

L. A. McCandlish, Realtor

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Ph. MEIrose 3-8472 (nite, MEIrose 2-0394)

\$135.00 PER COW UNIT

Ideal ranch in the best part of Montana. 15,000 acres deeded; 4 sections leased land. Has modern 3-bedroom home; 3 new barns; plenty sheds, corrals; dipping vats, scales. Fenced into 13 efficiently operating pastures. Ample stock water from live streams; full flowing artesian wells for the home. On cross country highway. Very low taxes should make it doubly appealing. Excellent terms. As the West's oldest land brokers, handling many types ranches, we think this is one of the best buys in years. Write at once.

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The West's Oldest Land Brokers
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RANCHES—FARM LANDS

COLORADO COW RANCH

Hay Production—Over one-ton-per-head carrying capacity. During the known history of this ranch, there has never been a failure, and very few short crops.

350-COW CARRYING CAPACITY—400 acres of hay meadow with 50 sec. feet of decreed water right. YEAR AROUND STOCK WATER at improvements from spring flowing 500 gal. a minute. Never freezes.

SUMMER PASTURE—1500 acres, containing 600 acres of irrigated hay meadow with 18 sec. feet of water decreed from creek running through pasture, which is all used for summer grazing.

IMPROVEMENTS AT HOME RANCH have been newly remodeled and modernized with many new sheds and corrals added. R. E. A. Tele. 75 miles west of Colorado Springs on oiled highway. School bus to large Consolidated Schools.

SAFE, SURE Production—If this is what you want, with a fine set of improvements—a place that produces high-grade, healthy cattle—be sure to see this before you buy. Property is clear. Terms can be arranged. Price \$165,000.00.

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9,398-ACRE stock ranch, 7,480 acres deeded 1918 leased, almost new modern three-bedroom house, large barn, two sets of corrals, watered from springs, creek and shallow wells, less than one mile to water anywhere, carry around 600 head year around, grass to winter several hundred head. Price \$15.00 per acre for deeded on terms, located in south central Colorado. J. F. Huggins, Hugo, Colo.

FOR SALE—Farms, ranches in Southwest Colorado, ample water and grass, irrigated and non-irrigated. Write us for details. A. A. Ball Realty Co., Realtors, 1010 Main, Phone 233, Durango, Colorado.

Osage County 440-acre improved ranch. Conveniently located. 70-cow unit. \$50 per acre. All or part. Kenneth Maze, Route 1, Pawhuska, Okla.

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3,200 A. improved ranch, 3 miles from oil, abundance of grass, water and hay. \$12.50 per acre, terms.

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WANT TO LEASE: Grazing land for 200 to 600 cows, beginning 1954. D. W. James, Box 614, Grapevine, Texas.

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Merry Christmas and Happy New Year

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